



# STIC Search Report

## EIC 3600

STIC Database Tracking Number: 119349

**TO:** Borissov  
**Location:** PK5 7C22  
**Art Unit :** 3629  
**Friday, April 16, 2004**

**Case Serial Number:** 09/965597

**From:** Ginger Roberts DeMille  
**Location:** EIC 3600  
**PK5-Suite 804**  
**Phone:** 305-5774

**Ginger.roberts@uspto.gov**

### Search Notes

Dear Examiner Borissov:

Please find attached the results of your search for 09/965597.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet, STN

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger

[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [more »](#)[Advanced Search](#)  
[Preferences](#)**Web** Results 1 - 10 of about 44,400 English pages for energy consumption analysis recommendation insta**Energy-Efficient Products: How to Buy an Energy-Efficient Central ...**

... a well-shaded area will also reduce **energy consumption**. ... Home **Energy** magazine provides **energy conservation tips** ... Laboratory provided supporting **analysis** for this ...  
[www.eere.energy.gov/femp/technologies/eep\\_central\\_air.cfm](http://www.eere.energy.gov/femp/technologies/eep_central_air.cfm) - 28k - [Cached](#) - [Similar pages](#)

**[PDF] How to Buy an Energy-Efficient Residential Central Air Conditioner**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Lawrence Berkeley National Laboratory (LBNL) provided supporting **analysis** for this **recommendation**. ... RE-1 PAGE 2 OCTOBER 2002 reduce **energy consumption**. ...  
[www.eere.energy.gov/femp/pdfs/cac.pdf](http://www.eere.energy.gov/femp/pdfs/cac.pdf) - [Similar pages](#)

[ More results from [www.eere.energy.gov](http://www.eere.energy.gov) ]

**[PDF] SAMPLE**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... my responsibilities consisted of the **analysis, recommendation**, design, and ... PE Project Manager, **Energy Analysis** Corp ... to reduce the total **energy consumption** of a ...  
[www.dora.state.co.us/engineers\\_surveyors/12-Att3\\_SAMPLEEnrgExperienceSummaryForm\\_070102.pdf](http://www.dora.state.co.us/engineers_surveyors/12-Att3_SAMPLEEnrgExperienceSummaryForm_070102.pdf) - [Similar pages](#)

**[PPT] [www.webgensystems.com/mktportal/Information/Generic\\_Presentation\\_121903.ppt](http://www.webgensystems.com/mktportal/Information/Generic_Presentation_121903.ppt)**

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Measure/Understand Actual. **Energy Consumption** Metrics. ... Benefit to Customer. **Energy Use**. Pay Bills. ... (Electricity Supply **Analysis, Recommendation & Purchase**). ...  
[Similar pages](#)

**Basewide Energy Systems Plan, Fort Campbell, Kentucky; Executive ...**

... This plan includes an **analysis** and **recommendation** of **energy conservation** projects for the reduction of the **installation's present energy consumption**. ...  
[www.stormingmedia.us/41/4180/A418033.html](http://www.stormingmedia.us/41/4180/A418033.html) - 15k - [Cached](#) - [Similar pages](#)

**Ways and means of understanding **energy consumption**: TERI's ...**

... proposals, providing a cost-benefit **analysis** of each ... Kota to study the present **energy consumption** scenario. ... under loaded motors with **energy efficient** motors ...  
[www.teri.res.in/teriin/news/terivsn/issue21/newsbrk.htm](http://www.teri.res.in/teriin/news/terivsn/issue21/newsbrk.htm) - 28k - [Cached](#) - [Similar pages](#)

**Technology Installation Review - Cooling Technology for Warm, Dry ...**

... The FEDS **analysis** provided a listing of the most ... **consumption** by 31% and heating **energy consumption** by 15 ... of Energy, Office of Federal **Energy Management Programs** ...  
[www.pnl.gov/TechReview/heatpump/heatpump.html](http://www.pnl.gov/TechReview/heatpump/heatpump.html) - 25k - [Cached](#) - [Similar pages](#)

**SF 371 ...establishing an **energy conservation** program for school . ...**

... data collection, and 3 24 other related **analyses** preliminary to ... collection to verify postinstallation 3 27 **energy consumption** and **energy-related** operating ...  
[www.legis.state.ia.us/GA/79GA/Legislation/SF/00300/SF00371/Current.html](http://www.legis.state.ia.us/GA/79GA/Legislation/SF/00300/SF00371/Current.html) - 23k - [Cached](#) - [Similar pages](#)

**[PDF] Perspectives of the **Energy Consumption** in the Swiss Service Se**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Federal Office of Energy, the **Energy Analysis** Research Group ... 5. Assuming today's **energy policy** (scenario I), electricity **consumption** will increase ...

[www.energieanaiysen.ethz.ch/literatur/perspect.pdf](http://www.energieanaiysen.ethz.ch/literatur/perspect.pdf) - [Similar pages](#)

[\[PDF\] Solar Thermal Design: Research, Design and Installation of a Solar ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... DESIGN RECOMMENDATION Our final design recommendation was developed ... the life cycle cost analysis indicated that ... Yet, their yearly energy consumption puts their ...

[www.ajur.uni.edu/v1no4/Sorter%20et%20al.pdf](http://www.ajur.uni.edu/v1no4/Sorter%20et%20al.pdf) - [Similar pages](#)

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? show files;ds
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      (c) 1999 Electric Power Research Inst.Inc
File 103:Energy SciTec 1974-2004/Mar B2
      (c) 2004 Contains copyrighted material
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Set	Items	Description
S1	197174	COLLECT?
S2	957110	DATA
S3	125451	USAGE OR CONSUMPTION
S4	11678	(RECOMMEND? OR SUGGEST?) (5N) (SYSTEM OR TECHNOLOGY OR EQUIPMENT OR DEVICE? OR UNIT? ? OR GENERATOR? ?)
S5	10254	(RECOMMEND? OR SUGGEST?) (5N) (PRODUCT? ? OR ENERGY)
S6	603	S1(6N)S2(6N)S3
S7	26	(S4 OR S5) AND S6
S8	5	S7 AND INSTALL?
S9	5	RD (unique items)
S10	25	RD S7 (unique items)
S11	20	S10 NOT S9
S12	20	RD (unique items)
?		

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```
? show files;ds
File 9:Business & Industry(R) Jul/1994-2004/Apr 15
  (c) 2004 The Gale Group
File 16:Gale Group PROMT(R) 1990-2004/Apr 15
  (c) 2004 The Gale Group
File 18:Gale Group F&S Index(R) 1988-2004/Apr 15
  (c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Apr 16
  (c) 2004 The Dialog Corp.
File 148:Gale Group Trade & Industry DB 1976-2004/Apr 16
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  (c) 2004 Elsevier Eng. Info. Inc.
File 481:DELPHES Eur Bus 95-2004/Apr W1
  (c) 2004 ACFCI & Chambre CommInd Paris
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  (c) 2002 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Apr 16
  (c) 2004 The Gale Group
File 624:McGraw-Hill Publications 1985-2004/Apr 14
  (c) 2004 McGraw-Hill Co. Inc
File 635:Business Dateline(R) 1985-2004/Apr 15
  (c) 2004 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2004/Apr 16
  (c) 2004 The Gale Group
File 637:Journal of Commerce 1986-2004/Apr 15
  (c) 2004 Commonwealth Bus. Media
File 750:Emerging Mkts & Middle East News 1995-2004/Apr 15
  (c) 2004 Dialog Corp.
```

Set	Items	Description
S1	0	(ENERGY OR GAS OR FUEL OR ELECTRICITY) () (USE OR USAGE OR DEMAND) (S) (RECOMMEND? OR SUGGEST? OR ADVICE? OR ADVIS?) (3N) (RE-ENGINEER? OR (NEW OR UPGRAD?) () (SYSTEM OR EQUIPMENT)) (S) (ARRANG? OR PROVID? OR CONDUCT? OR PERFORM?) (3N) (INSTALL?)
S2	5270891	CONSULTANT? OR CONSULTING? OR ADVIS?R? OR ENGINEER
S3	6907470	RECOMMEND? OR SUGGEST? OR ADVICE? OR ADVISE? OR ADVISING?
S4	10283803	EQUIPMENT? OR (NEW OR UPGRAD?) (1W) (SYSTEM? ? OR TECHNOLOGY) OR REENGINEER? OR RE()ENGINEER?
S5	16465095	MONITOR? OR TRACK? OR ANALYS? OR ANALYZ? OR EVALUAT? OR STUDY? OR WATCH? OR CALCULAT? OR COMPUTE OR COMPUTING
S6	12175980	ENERGY OR GAS OR FUEL OR ELECTRIC? OR POWER
S7	555688	S6(3W) (USE OR USAGE OR DEMAND OR CONSUMPTION) OR S6(N) (USE OR USAGE OR DEMAND OR CONSUMPTION OR CONSUM?)
S8	10935760	S4 OR AUDIT OR AUDITS OR AUDITING
S9	2972233	INSTALL?
S10	4832	S2 AND S3 AND S4 AND S7 AND S8 AND S9
S12	77	S3(5N)S4 AND (S5 OR AUDIT?) (5N)S7 AND S9
S13	64	RD (unique items)

? t13/3,k/all

13/3,K/1 (Item 1 from file: 9)  
DIALOG(R) File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

3723623 Supplier Number: 03723623 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
Compressed air challenge: optimize performance; group dedicated to helping  
industrial users save energy--and money--by improving  
compressed-air-system performance. (Compressed Air Challenge).

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Heating/Piping/Air Conditioning Engineering, v 74, n 12, p 31  
December 2002  
DOCUMENT TYPE: Journal ISSN: 1527-4055 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2028

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...their compressed-air systems--not even leak maintenance.

\* Seventy-five percent of the operators of **installed** systems had no formal training in compressed-air-system efficiency.

\* Customer awareness of and concern...

...solutions to system problems and include, only if needed, performance-based, rather than brand-based, **equipment recommendations**.

\* The service provider's compressor knowledge and expertise. Does the service provider have the expertise...in Spartanburg, S.C., to determine how it could improve the system's efficiency and **energy use**. The **evaluation** provided the basis for a project to **install** a new control system. The controls upgrade enabled multiple-compressor operation without blow-off during...

13/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

3686089 Supplier Number: 03686089 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Mission: implement programs: hotel companies embrace a variety of energy-management practices.**

Hotel & Motel Management, v 218, n 3, p M6  
February 17, 2003  
DOCUMENT TYPE: Journal ISSN: 0018-6082 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1108

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...involved than ever in a variety of ways to achieve savings.

"Our biggest initiative is **installing** an automated, metering utility **monitoring** system that trends our **gas**, water and **electric consumption**," said Brian Burke, director of energy at Hyatt Hotels Corp. "If we don't know..."

...Technologies of Butte, Mont., to work with utilities and hotel engineers to design, build and **install** energy-management systems. The program is for 123 Hyatt hotels and resorts in the United...

...optimization involves Tharaldson consultants going to individual properties that Carlson owns and manages and making **suggestions** to target replacing certain **equipment**, Wenner said.

The program is for Carlson's owned and managed operations, but franchisees also...

...collection and management, and 8 percent or more in commodity purchasing. When new equipment is **installed**, the return on investment in energy savings could be as high as 10 percent, she...

...design energy-management systems in a way that several companies can submit competitive bids.

"We **install** dual-function devices with a proven track record that detect motion and infrared heat," said...

13/3, K/3 (Item 1 from file: 16)  
DIALOG(R) File 16: Gale Group PROMT(R)  
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10736319 Supplier Number: 107200225 (USE FORMAT 7 FOR FULLTEXT)  
Get out of the lift truck business: lift truck fleet management services are all about reducing costs and helping you focus attention not on lift trucks, but rather on your own business. (Fleet Management)

Trunk, Christopher  
Material Handling Management, v58, n8, p36(9)  
August, 2003  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 5146

... our national accounts program, our dealers input data from across the country, and we can **install** a customer-based program so you can see how your fleet is performing with utilization...to carelessness or because the truck isn't specified properly for the application.

Mitsubishi has **installed** keytrollers where lift truck operators enter a code. They've tried impact sensors and monitors...identify troublesome or inefficient applications. If an operator gets on and off a piece of **equipment** frequently, Mitsubishi **recommends** a stand-up truck rather than sit-down because you can just hop on a...lift truck fleet management program and doesn't know how much equipment he needs, Mitsubishi **installs** equipment and gives the customer an option to re turn a ... analysis of data on any truck's service history and service details.

For some companies, **tracking** **fuel** **consumption** by truck is important, and that includes battery use. To some users, battery use is... Keytroller system, tracks damage or shock to the lift truck. "One of our customers that **installed** the Keytroller system saw a dramatic drop in lift truck accidents once workers knew they...develop a proposal for conversion and look for any savings. Include operator training and consider **installing** electronic tracking devices onto trucks. Centralized billing and electronic equipment tracking by meter hours and...com.

collectiveFleet fleet management software is for public and private fleets. Use it to schedule, **track** and report on preventive maintenance, **fuel** **use**, job orders, meter **tracking** and more. CollectiveData. Visit [www.collectivedata.com](http://www.collectivedata.com).

Nissan Motor Company announces a new lift truck...It was difficult to hold any one driver accountable for damage.

In early 2001, Villanueva **installed** automatic access control devices called Shockswitch ID. The system controls lift truck access by requiring...

...in half. First year savings were about \$90,000 over and above the cost of **installing** the monitoring units. Shockwatch. Visit [www.shockwatch.com](http://www.shockwatch.com).

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HIGH-TEMPERATURE DATA LOGGERS  
High-temperature stainless-steel...

13/3,K/8 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08186607 Supplier Number: 68708125 (USE FORMAT 7 FOR FULLTEXT)  
**Measurement and Verification of Energy Savings.**

Kumar, Satish  
Energy User News, v25, n12, p24  
Dec, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2047

... levels not only affect the comfort and productivity of building occupants but also heavily influence **energy consumption**. Any **evaluation** of ECMS must include close monitoring of building performance before and after their implementation. With...method, is commonly used in cases where there is a high degree of interaction between **installed** ECMS or between ECMS and the rest of the building. Whole building metering is also...

...determine where assumptions can reasonably replace actual measurement. For example, in an ECM involving the **installation** of lighting equipment (with no change in the lighting schedule), savings can be determined by...  
...time devices. When it is not practical to deploy enough loggers to monitor all the **equipment**, statistical sampling is **recommended**.

Utility KW and KWh Meters  
Some utility meters accumulate energy use and record the peak demand. These meters are generally **installed** by utility technicians and may require power interruption.

Proxy Monitoring  
Proxy **monitoring** techniques do not measure **energy consumption** directly. Instead, they use alternative metering devices to measure parameters that are then used to...

13/3,K/9 (Item 7 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08136865 Supplier Number: 67928045 (USE FORMAT 7 FOR FULLTEXT)  
**myutility Chosen to Present at Angel Society Pipeline; Energy Efficiency Solutions Provider Closes Acquisition and Investment.**

PR Newswire, pNA  
Dec 12, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 899

... myutility's services integrate available technologies with customized applications to analyze the consumption of existing **equipment** and generate **recommendations** for its customers to save considerable money, increase employee comfort and productivity. In addition, these...

...of national and private branded lighting, heating, cooling, comfort, power quality equipment and upgrades with **installation** by a network of

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affiliated contractors. myutility will also introduce products such as thermal storage...

...first quarter of 2001.

Mr. Saleeby continued, "We've always believed in the importance of monitoring energy usage and employing that information to educate our customers, to help them manage their energy consumption..."

...Through its personalized Web site, myutility and its channel partners provide the information, analysis, products, **installation** services, and solutions that deliver advanced energy efficiency, increased reliability and energy management to businesses...

**13/3,K/10 (Item 8 from file: 16)**  
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07600933 Supplier Number: 63636968 (USE FORMAT 7 FOR FULLTEXT)  
**Energy Management Fundamentals Series: Energy Audits.**

YOUNGER, BILL  
Energy User News, v25, n6, p28  
June, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3479

... energy audit.

The energy audit evaluates the efficiency of all building and process systems that **use energy**. The energy **auditor** starts at the utility meters, locating all energy sources coming into a facility. The auditor...

...use and occupancy of the building and the condition of the building and building systems **equipment**. The report also **recommends** ways to improve efficiency through improvements in operation and maintenance items (O&M), and through **installation** of energy conservation measures (ECM).

Degrees of Thoroughness

Audit levels, in order of increasing complexity...

...a tour of the facility to visually inspect each system. The walk-through includes an **evaluation** of **energy consumption** data to **analyze** **energy use** quantities and patterns, as well as to provide comparisons with industry averages, or benchmarks, for...

...later if the preliminary savings potential appears to warrant further auditing activity.

\* Level 2--Standard **audit**. The standard **audit** quantifies **energy use** and losses through a more detailed review and analysis of equipment, systems, operational characteristics, and...

...level of energy audit and is most often warranted for complex facilities or systems. The **audit** includes more detailed **energy use** by function and a more comprehensive **evaluation** of **energy use** patterns. Computer simulation software is used to predict building system performance and accounts for changes...

...The goal is to build a base for comparison that is consistent with the actual **energy use** of the facility. The **auditor** will then make changes to improve the efficiency of various systems and measure the effects...

...of the facility. Much of this information can be collected prior to the

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site visit. Evaluating energy use and systems before going on-site helps identify potential savings and makes best use of...

...taken to ensure you have all the information required to do a thorough and accurate evaluation of energy consumption data.

\* Make sure you receive copies of all monthly utility bills (for all meters) and...

...when energy use depends on production. Relationships between energy use and those factors that drive energy use can be determined by analyzing the data. Some of these factors include occupancy, sales volume, floor area, and outdoor temperatures...savings.

By tracking the EUI using a rolling 12-month block, building performance can be evaluated based on increasing or decreasing energy use trends. This method requires a minimum of two years of energy consumption data to establish...

...can cause billing and actual demand to differ.

Load factor (LF) is the relationship between electric use (kWh) and demand (kW). LF is commonly calculated by dividing the monthly electric use by the demand by the number of hours in the billing period. This gives a ratio of average...

...maximum. For facilities with high load factors, the only way to reduce demand is by installing more efficient electrical equipment.

A low load factor is a good indication that a facility...

...factor and establish what is normal for each facility, noting any significant changes in the electric use consumption and load factor.

**Analyzing Energy Data**

Graphs and consumption data must be analyzed to understand how energy is used at the facility and which factors influence consumption the ...testing equipment.

Prior to touring the facility, the auditor and building manager should review the auditor's energy consumption profiles. The building manager can provide occupancy schedules, O&M practices, and plans that may ...support calculations should follow this summary chart. The description should describe each ECM and include energy use and savings calculations, as well as economic analysis and provide any assumptions that were made regarding operation or...

...floor plans and site notes; photos; audit data forms; motor, equipment, and lighting inventories; and equipment cut sheets of existing or recommended systems.

Followup

The building manager should review the audit report with the auditor to become...

13/3,K/11 (Item 9 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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06908503 Supplier Number: 58118546 (USE FORMAT 7 FOR FULLTEXT)

**CMS MST Targets Niche For Energy Management Services.**

Lefere, Royal Jr.

Pipeline & Gas Journal, v226, n11, pS2

Nov, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1832

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... Among the energy management services CMS MST offers are:

\* Strategic Energy Review: CMS MST experts **analyze** a company or facility's **energy use**, cost and trends, then prioritize facilities for energy cost reduction work.

\* Electric System Services: This...

...Its experts accomplish this through a comprehensive system assessment, recommended measures, and design, retrofit and **installation** of energy-efficient systems.

\* Power Quality Solutions: CMS MST experts help companies protect critical equipment...

...disturbances, and reduce or eliminate lost production due to equipment failure. One solution may be **installation** of transient voltage surge suppressors, which provide long-term protection of electronic equipment.

\* Bottom Line...1 million contract CMS MST signed with glass giant Libbey Glass Inc. this year to **install** a three-megawatt backup diesel generator at the company's flagship plant in Toledo. Libbey...

...Traverse City, MI. CMS MST contractors replaced 14,500 lamps, removed 7,100 ballasts and **installed** 5,200 new ballasts. These modifications are projected to save the 368-bed, 600,000...

...Solutions was begun in 1996.

Late last year, CMS MST managed the \$2.5 million **installation** of a new primary and secondary electric distribution system at a 2,400-site recreational...

...to evaluate the fruit processing company's "WAGES": water, air, gas, electric and steam and **recommend** measures and **equipment** to shave at least 5 percent off Graceland's total energy consumption.

Since then, we...

13/3,K/12 (Item 10 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06844604 Supplier Number: 57894550 (USE FORMAT 7 FOR FULLTEXT)

**Medical campus gets radical mechanical surgery.**

Air Conditioning, Heating & Refrigeration News, v208, n11, p42  
Nov 15, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 998

The **installation** of duplex chillers has helped increase cooling capacity and maximize the efficiency of the existing...

...on a common chilled water header.

RMF Engineering, Baltimore, conducted a study that included an **evaluation** of chiller **energy consumption**, pumping energy costs, and system maintenance costs. According to RMF's Steve McAdams, the goal...

...is that we have cooling capacity when we need it."

As a result of the **equipment** evaluation, the engineer **recommended** and Johns Hopkins chose two 2,400-ton duplex CenTraVac(R) chillers (manufactured by The...

...objective to get a baseline for capacity and efficiency that we could use in our **installation**."

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COMPLICATIONS FOR THE CONTRACTOR

In early 1998, the units were shipped to Baltimore and **installed** on the site by Green Contracting Co.

A big part of the challenge of this **installation** was the limited existing floor space, but especially the need to keep the plant online -- through the chilled water piping augmentation, the cooling tower modifications, and the chiller **installation**.

David Jacobson, project manager with Green Contracting, noted that a complicating factor was the need...

...structure to the existing mechanical room floors to support the additional equipment.

He remarked that **installation** was a straightforward rigging job, although it required using an extremely tight staging area. To...

...two existing Marley cooling towers were extended upward 6 ft and larger diameter fans were **installed**. In addition, the existing wood fill in the towers was replaced with plastic.

EMERGENCY POWER...

...all knew that the six-month schedule for the Johns Hopkins plant modification and equipment **installation** would be challenging, to say the least.

It was achieved thanks to regular communication among...

13/3,K/13 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06816567 Supplier Number: 57161009 (USE FORMAT 7 FOR FULLTEXT)

**Real World Applications.**

Energy User News, v24, n10, p5

Oct, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1177

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...They show why customers choose gas cooling and equipment; key equipment features, reliability factors, and **installation** mechanics; and, where available, the projected and accrued energy/utility savings.

... on the go, air quality control requires constant attention.

Hospital administrators solved many problems by **installing** a Munters DryCool MedAire System in July of 1994.

Surgical staffs nationwide are now required...

...700 cfm

\* 304,000 sq. ft. hospital

\* Shreveport, Louisiana

DOYLESTOWN HOSPITAL

Hospital Hurdles Reliability Challenges, **Tracks Energy Usage**

After several weather-related power outages crippled its cooling plant, Doylestown Hospital declared zero tolerance...

...plant would not recover enough thermal energy to be cost-effective. Instead, PECO and DVY **recommended** peak-shaving **equipment** to prevent electric demand from rising.

In addition, "the hospital needed to comply with new..."

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...York(r) natural gas absorption chiller now provides the hospital's primary cooling. It was **installed** by DVY two years earlier to supplement cooling after the hospital was enlarged.

As the...

**13/3,K/14 (Item 12 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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06465602 Supplier Number: 55764994 (USE FORMAT 7 FOR FULLTEXT)  
**Demystifying Deregulation.**

Mines, Cynthia  
Shopping Center World, v28, n5, p283  
May, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2278

... familiar with their own electric load profiles as well as the complex methods used to **calculate electricity usage**. And even if deregulation is not imminent in that state, knowing those patterns can lead ...

...company is Public Service Enterprise Group, a public utility holding company.

For instance, he says, **installing** new, high-efficiency lighting -- a major part of a mall's electric bill -- could save...Their services include: providing energy audits, offering load management strategies, researching other states and making **recommendations**, providing financing and **equipment** upgrades, actually buying the electricity, perusing electric bills for errors, combining expenses from all sites...

**13/3,K/15 (Item 13 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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06415248 Supplier Number: 54896073 (USE FORMAT 7 FOR FULLTEXT)  
**Keeping cool.(supermarket and grocery heating, ventilation, air conditioning and refrigerating)**

Grocery Headquarters, v65, n5, p116(2)  
May, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 1209

... for HVAC systems. These include:

1. Green lights. In this stage, retailers are encouraged to **install** readily available, proven lighting technologies, which, according to the EPA, can reduce a building's...

...In addition, Mervyn's regularly replaces 30 to 40 HVAC systems annually, recalibrates thermostats and **monitors** kwh and temperature for **energy use** that exceeds the company's standard.

In the food industry, Shaw's Supermarkets, also an...

...partnership to eliminate a recurring moisture problem in its Wells, Maine, distribution facility. The company **installed** a dehumidification system in the warehouse to reduce humidity inside the dock area where

Search Report from Ginger R. DeMille

moisture...

...air conditioning."

For example, when conducting an energy-efficiency assessment of a store's refrigeration **equipment**, Blackwell **recommends** that retailers check the lighting inside the refrigerated cases. "Many times retailers have lights inside...steel body with no threaded body joints. The addition of an extra gauge port, for **installation** of a pressure switch, warns electrically of a refrigerant release caused by a system malfunction..."

13/3,K/16 (Item 14 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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05000068 Supplier Number: 47342877 (USE FORMAT 7 FOR FULLTEXT)

**New Technologies To Help Save Energy**

Murton, Lisa M.

Contracting Business, pRF10

May, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1915

... a variety of tests that show that by using new and advanced technologies in currently **installed** equipment, supermarkets stand to achieve reasonable paybacks and impressive savings on their utility bills. The...

...even a small reduction in overall energy use could be beneficial. An example from the **study** is the 1% reduction in **energy use** possible (with a two-year payback) by using evaporative condensers, a technology which currently has...refrigeration equipment elsewhere. Or he can buy the entire system from the walk-in manufacturer. **Installation** can be provided by the walk-in manufacturer or by a refrigeration contractor. Small walk...  
...make non-electric antisweat difficult, because it would require the walk-in box manufacturer to **install** refrigerant tubing and provide connections for the refrigeration system. The added **installation** complexity would provide a further barrier to this technology option.

7. A number of the...

...fans aren't yet generally available. Even if a unit cooler with ECM motors was **installed**, finding a replacement in case the motor failed would be difficult and represents additional down...

...says, some of the above barriers can be broken through education. Here are some other **suggestions** for **equipment** buyers based on the findings of the DOE study:

People who select equipment should be...

13/3,K/17 (Item 15 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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01944716 Supplier Number: 42483357 (USE FORMAT 7 FOR FULLTEXT)

**Despite Slim Budget, Unisys on Track to Cut Energy Use 30%**

Energy User News, p18

Nov, 1991

Language: English Record Type: Fulltext

Search Report from Ginger R. DeMille

16369803      SUPPLIER NUMBER: 105644442      (USE FORMAT 7 OR 9 FOR FULL TEXT  
)

**Maximizing building performance: through environmental strategies. (People - Projects - Processes - Products).**

Buildings, 97, 7, 26(30)

July, 2003

ISSN: 0007-3725      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 21599      LINE COUNT: 01816

... having a cooler effect," Badar explains.

New buildings will also have higher R-value insulation **installed**. Retrofitting lamps with more efficient technology is another of the city's energy reduction strategies...

...That is where we will make the longest-lasting improvements on the programs. You can **install** all types of technologies, but if people still leave lights burning 24 hours a day...

...the park service educated its staff on ways to cut energy consumption in addition to **installing** energy-efficient systems on-site. "The system became a springboard for better employee awareness," says

**13/3,K/21 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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15770496      SUPPLIER NUMBER: 97114076      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Compressed air challenge: optimize performance; group dedicated to helping industrial users save energy--and money--by improving compressed-air-system performance. (Compressed Air Challenge).**

Barwig, Floyd E.

Heating/Piping/Air Conditioning Engineering, 74, 12, 31(5)

Dec, 2002

ISSN: 1527-4055      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 2298      LINE COUNT: 00199

... their compressed-air systems--not even leak maintenance.

\* Seventy-five percent of the operators of **installed** systems had no formal training in compressed-air-system efficiency.

\* Customer awareness of and concern...solutions to system problems and include, only if needed, performance-based, rather than brand-based, **equipment recommendations**.

\* The service provider's compressor knowledge and expertise. Does the service provider have the expertise...in Spartanburg, S.C., to determine how it could improve the system's efficiency and **energy use**. The **evaluation** provided the basis for a project to **install** a new control system. The controls upgrade enabled multiple-compressor operation without blow-

**13/3,K/22 (Item 3 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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14362158      SUPPLIER NUMBER: 79382270      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Energy Management in 2001 and Beyond: Operational Options that Reduce Use and Cost.**

STIPANUK, DAVID M.

Search Report from Ginger R. DeMille

Cornell Hotel & Restaurant Administration Quarterly, 42, 3, 57

June, 2001

ISSN: 0010-8804 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 8565 LINE COUNT: 00717

... to corridor lighting, changing existing four-foot T12 lamps to T8 with electronic ballasts, and **installing** compact fluorescent lights in exterior fixtures and in the guest rooms. Since some guests leave the bathroom light on overnight as a "nightlight," now is a good time to **install** light switches with a built-in (energy efficient) nightlight. Other positive ...and effective tasks included cleaning thoroughly the HVAC fan coils or through-the-wall units; **installing** sensor controls for lighting in back-of-house spaces and storage areas; and, if you...

...may need some changing. For example, many upscale hotels outside the United States have already **installed** occupancy sensors to control corridor lighting. The importance of that energy-saving technology is something...

...from Project Planet titled "Hotel Environmental Self-Audit Checklist." The checklist can help property managers **evaluate** current **energy** use and develop a step-by-step plan for reducing consumption. (12) This publication, which was...

...a power outage.

If the property has an emergency generator, it will be designed and **installed** to operate when power to the building is interrupted. Besides the identified emergency loads (e...as alternative technologies improve and become affordable, property managers may soon find themselves also contemplating **installing** photovoltaic systems or fuel cells in addition to more conventional generators of various types. An...

...EER values at 10 or above represent the upper region of efficiency ratings for this **equipment**, and widely accepted recommendations in the energy-management field are always to purchase more-efficient equipment (since ...the laundry and other support functions, as appropriate.

4. Retrofit incandescent lights throughout the hotel. **Install** motion detectors, timers, and photocells. Provide master switches in rooms. Keycards or motion detectors can control rooms' lighting. Split wiring circuits; **install** switches in convenient locations.

5. Make full use of building automation systems, which have many...

...as a consequence of successful energy management or excessive provision of safety factors in original **installation**.

8. **Install** flow controllers for showers and aerators for sink faucets. Toilets should use not more than...the entire mechanical plant, except air-handling units, was replaced and a building automation system **installed**, based on 1976 technology. The second major reduction came in 1990-91, when managers completely...

...degrees F when you leave for the day. In addition, please note that we have **installed** a night light as part of the switch in the bathroom. That means that you...

13/3,K/23 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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14140863 SUPPLIER NUMBER: 80950356 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Search Report from Ginger R. DeMille

**Processing savings possible: New equipment and methods help streamline operations.**

Luckett, Liz

Western Farm Press, 23, 23, 16(2)

Dec 1, 2001

ISSN: 1525-1217 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1529 LINE COUNT: 00128

... includes everything from adding variable speed drives to vacuum pumps on dairy milking machines to **installing** new, sophisticated "membrane technology" for the recovery and re-use of food processing waste-water...

...dairies and animal producers, among others.

Eligible projects

Eligible projects included high-efficiency electrical equipment **installed** after Jan. 1, 2001 to reduce electricity use during summer peak hours. This covered refrigeration...

...to 82 percent less, depending on type of vacuum control system and size of pump **installed**). This, in turn, can save dairies thousands of dollars in electric bills annually.

Motors with...

...or variable frequency drive) have additional application in food processing where they are now being **installed** to modulate compressors, conveyors, and other equipment that typically use lots of energy. Rebates have been available off and on for such conversions as well as **installation** of newer, more energy-efficient equipment.

'Hot side' upgrades

"On the hot side of food...

...conveyor belts and automated equipment," Rebensburg says. "We also look at on-and-off peak **energy usage** and do a rate **analysis**."

Other savings

If there are additional ways to fine-tune operations and save energy, SCE...fixed-speed conveyors."

Additional recommendations have been made to upgrade compressors and older refrigeration units, **install** automated palletizers and vacuum wrapping equipment, and to convert to centralized control systems with optical...

...economic feasibility. This takes into consideration any existing rebates and amortization schedules to pay for **equipment** over time.

So, **recommendations** may be complex, such as retrofitting "hot" systems to recycle waste heat from steam boilers...

...more energy-efficient, reduce waste-water and comply with government regulations. Few plants have actually **installed** this particular equipment to date, but it does serve as a reminder of the dynamic...

13/3,K/24 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

13798288 SUPPLIER NUMBER: 77614874 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Battling blackouts: The industry explores efficiency options.**

Rofe, Jennifer

Wines & Vines, 82, 8, 44

August, 2001

Search Report from Ginger R. DeMille

ISSN: 0043-583X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1878 LINE COUNT: 00154

... spent five years on the U.S. Virgin Islands as a development engineer designing and **installing** energy-efficient projects for schools and hospitals. Today, by analyzing energy bills and existing **equipment**, Sanders **advises** commercial and industrial facilities, including wineries, on energy efficiency projects they can implement. Focusing mostly on air conditioning and industrial chillers, Sanders finds ways to reduce energy usage.

By **installing** a certain energy-efficiency technology on a split system, package-type system or an air...

...of money, considering that wineries can spend \$50,000 a month on utility rates. "I **install** technologies that will increase the efficiency of their units and lower operating costs," Sanders says...are site specific, Theresa Sanders, president of Tasco Energy Solutions, recommends 10 steps to reduce **energy usage**:

1. **Analyze** energy bills and do a simple trend analysis. if there is an anomaly, phone your...

...find out what rate schedule you are on.

3. Use energy-efficient light bulbs.

4. **Install** timers on lights that switch lights off when a room is not in use.

5. **Install** time-of-use meters.

6. Buy appliances--copy machines, printers, fax machines--with the Energy...

...management systems on chillers and air conditioners.

9. Get rid of space heaters.

10. Consider **installing** a facility-wide energy management system.

13/3, K/25 (Item 6 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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13384433 SUPPLIER NUMBER: 73848223 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**COMPARATIVE ANALYSIS of Variable and Constant Primary-Flow**

**Chilled-Water-Plant Performance.**

BAHNFLETH, WILLIAM P.; PEYER, ERIC

Heating, Piping, Air Conditioning, 73, 4, 41

April, 2001

ISSN: 0017-940X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 4340 LINE COUNT: 00463

... is more energy-efficient than all other system architectures and that should have a lower **installed** cost than an equivalent primary/secondary system. (5) However, conclusive proof of these benefits is...

...the energy and economic advantages of variable primary flow in a typical application. Performance factors **evaluated** included **energy consumption** and energy cost, life-cycle cost, and simple payback period.

Operating-cost savings were evaluated...energy-savings potential of variable primary flow because of turndown limitations. However, it has been **suggested** that chiller **equipment** may be intentionally reduced in size relative to conventional practice to take full advantage of...below its low-flow limit, a small bypass with a normally closed control valve is

Search Report from Ginger R. DeMille

installed between the chilled-water plant and the distribution piping. The bypass valve opens whenever flow...

**13/3, K/26 (Item 7 from file: 148)**  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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13081058 SUPPLIER NUMBER: 69861511 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The Economics of COMPUTER CONTROLS for Refrigeration Systems. (Statistical Data Included)**

COLE, JASON R.; CLARK, CHARLES  
Heating, Piping, Air Conditioning, 73, 1, 91  
Jan, 2001  
DOCUMENT TYPE: Statistical Data Included ISSN: 0017-940X  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2205 LINE COUNT: 00211

... few years ago, central computer controls for commercial and industrial

refrigeration systems were the exception, **installed** in the operating facilities of only the wealthiest and most forward-thinking companies. Today, however...

...is to choose a system that will operate machinery in accordance with the manufacturers' safety **recommendations**, minimize wear on **equipment**, and increase awareness of operating conditions through detailed displays. The system also should provide data...

...of the kilowatt-hours consumed during each demand window. The control-system operator uses a **calculated energy - usage** profile to set the desired operating kilowatt-demand levels for each time period. The control...

...DESCRIPTORS: Installation ;

**13/3, K/27 (Item 8 from file: 148)**  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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13014856 SUPPLIER NUMBER: 20514184 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Submetering project earns 5-month payback. (Phoenix Plaza office buildings)**  
Gegwich, Grant  
Energy User News, v23, n4, p1(2)  
April, 1998  
ISSN: 0162-9131 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 674 LINE COUNT: 00054

TEXT:

PHOENIX--The **installation** of an electrical submetering system is helping building managers at Phoenix Plaza--a pair of multitenant, high-rise office buildings here--more accurately **track** and bill **energy use**, resulting in a payback for the project of about five months.

... Shorenstein and Co., a San Francisco-based building management firm.

The cost for the submeter **installation**, about \$75,000, will be recovered some time next month because of two factors. By...

...totaling 800,000 square feet, annual savings could reach about \$200,000. Also, the closer **monitoring** of **energy use** has led to an increase in

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energy conservation measures by tenants.

The project was motivated by the need to make billing more fair for the facility's tenants. Before the **installation**, tenants signed leases that stipulated energy payments based on a flat rate per square foot...

...typical energy use by using power after normal business hours or having more people or **equipment** in a space than was **recommended**.

"Right now we are trying to make it fair to all the tenants, to the ...

...analyzed and bills are prepared using the company's CE-Mon software.

The equipment was **installed** by local company Hyde Electric. The entire project, completed in January of this year, took...

...to every single floor and map out circuits, stuff like that," Bardzik said.

Like the **installation** of most new technology, this project was not without some small glitches. For example, problems...

**13/3,K/28 (Item 9 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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12113124 SUPPLIER NUMBER: 59363181 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Energy Connections.**

Tagliaferre, Lewis

Buildings, 93, 11, 39

Nov, 1999

ISSN: 0007-3725 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2257 LINE COUNT: 00198

... Web (www.espio.com). These companies, according to the description, typically perform the following services:

- \* **Study energy use** patterns and suggest ways that customers can reduce wasted energy and lower operations and maintenance costs.
- \* Help customers select and **install** energy-efficient equipment.
- \* Provide equipment financing options, as well as maintain and operate **equipment** at owners' facilities.
- \* Offer **advice** about how to best purchase energy.
- \* Analyze and offer the most cost-effective combination of...

**13/3,K/29 (Item 10 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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12052888 SUPPLIER NUMBER: 61693792 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Just what the doctor ordered. (Brief Article)**

Heating, Piping, Air Conditioning, 72, 3, 78

March, 2000

DOCUMENT TYPE: Brief Article ISSN: 0017-940X LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 750 LINE COUNT: 00064

TEXT:

Duplex chillers **installed** at Johns Hopkins

The **installation** of duplex chillers has helped increase the cooling capacity and maximize the efficiency of the...

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DIALOG(R) File 148:Gale Group Trade & Industry DB  
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10212493      SUPPLIER NUMBER: 20574982      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SPECS 98: wrap-up coverage of Chain Store Age's 34th annual Store Planning Equipment and Construction Services Seminar. (related articles)**  
Chain Store Age Executive with Shopping Center Age, v74, n5, p167(40)  
May, 1998  
ISSN: 0193-1199      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 20298      LINE COUNT: 01645

... monitoring or remediation requirements associated with a release, such as additional soil sampling or the **installation** and testing of groundwater monitoring wells.

"If this should happen," Blauvelt said, "it's best..."

...Sheehan's work with Wal-Mart suggests that big-box operators can save costs by **installing** a separate system for ventilation and humidity control. The operator would then downsize the air...at the beginning."

**SEITING THE STAGE FOR DEREGULATION**

With electric utility deregulation looming, retailers should **analyze** their current **electric** bills and determine **consumption** and billing demand. And the time to do it is now.

"Check out your metering...by the rapid growth of the Internet.

"It took the telephone 40 years to be **installed** in 10 million households," he explained. "By contrast, the Internet went up in 10 million...most important element in an HVAC maintenance program is to make sure the equipment is **installed** and conditioned properly," said John Nadler, director of store planning/operations for Bath & Body Works...

...and maintenance.

"It all goes back to having the right equipment and how it is **installed**," said Sowards, who reminded the audience that the lowest cost is not "necessarily the best cost" when it comes to HVAC.

To help ensure proper **installation** of the **equipment**, the panel **recommended** that retailers forge strong partnerships with vendors. The speakers also advised constant communication between all...have contact with construction. You have to initiate contact and make sure everything is being **installed** right. If you don't work with manufacturers and keep the channels of communication open...

...Bath & Body Works brings on a third-party company to control and monitor its HVAC **installation**. The retailer uses a dial-in system that allows its executives to follow a checklist...

**13/3, K/32 (Item 13 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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09910642      SUPPLIER NUMBER: 20058532      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Life-cycle cost estimating helps make turbine decisions.**  
Desai, Anant R.  
Pipe Line & Gas Industry, v80, n10, p65(4)  
Oct, 1997  
ISSN: 1079-8765      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 2397      LINE COUNT: 00199

... separators, after-coolers and isolation valves, may be defined in detail or factored by using **installed**-cost multipliers. When different

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configurations are compared, care should be taken in factoring auxiliary ...reasonable fuel-consumption value.

A common mistake is to use the site design conditions to **calculate fuel consumption**. Site design conditions often are specified at 95 to 97% of the expected maximum ambient...

...approach is valid to arrive at a minimum plant capacity, it is not valid for **calculating fuel consumption**. Consider that a 120 (degrees) F design condition does not occur anywhere for 24 hours...

...Life-Cycle Cost + Net Present Value of Fuel Cost (1)

Cash Life-Cycle Cost = Total **Installed Cost** + Net Present Value of Maintenance Cost (2)

Total **Installed Cost** = (Total Equipment Capital Cost)(Total **Installed Cost Factor**) (3)

Total **installed** cost factor is three to six for most equipment. Better accuracy can be obtained by...

...total direct cost as an intermediate step.

Total Direct Cost = Total Cost of Equipment + Auxiliaries + **Installation Labor** (4)

Then total **installed** cost can be factored by using

Total **Installed Cost** = 2(Total Direct Cost) (5)

This second approach is preferable because using large factors...

...the recommendation's validity. A typical example is the life-cycle cost of a compressor **installation** for fuel costs of \$0.50, \$1 and \$1.50 per MMBtu (ILLUSTRATION FOR FIGURE 1 OMITTED).

Sensitivity analysis spotlights any skewing built into the comparison model. If the **recommended** case changes from **equipment** configuration B to configuration D when the fuel cost changes from \$0.50

13/3, K/33 (Item 14 from file: 148)  
DIALOG(R) File 148: Gale Group Trade & Industry DB  
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09309309 SUPPLIER NUMBER: 18849178 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Multi-site companies can benefit from Wendy's test restaurant findings. (National Accounts)**  
Peabody, Steven, Jr.  
Air Conditioning, Heating & Refrigeration News, v199, n10, p40(1)  
Nov 4, 1996  
ISSN: 0002-2276 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1182 LINE COUNT: 00098

...ABSTRACT: achieved total energy costs 18% below those of a benchmark restaurant. The energy-saving equipment **installed** in the test facility is described.

... Wendy's typical mix of mid-efficiency gas and electric equipment. At both restaurants, we **monitored** temperature, humidity, and **power use** every 15 minutes, 24 hours a day, for a one-year period. The local utility...

...the kitchen more comfortable.

\* Air conditioner improve. meets Instead of two 15-ton units, we **installed** four 6-ton units, with two stages each. This configuration allowed cooling to be supplied...

...this project was the local electric company. Restaurateurs should turn to them for engineering and **equipment advice**.

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**Spurred by rebate, Harvard installs mirror reflectors. (Harvard University)**

TEXT:

Spurred by Rebate, Harvard **Installs** Mirror Reflectors  
... offered by its utility, the Harvard Computing Center at Harvard University here is completing the **installation** of 396 Omega Mirror fluorescent reflectors, manufactured by Omega Energy, Hayward, Calif., according to Jack...

...at Omega Lighting of New England, Lowell, Mass., the local Omega Mirror distributor. The reflector **installation** and delamping, which also includes the **installation** of new ballasts and efficient lamps, will reduce the Computing Center's **electricity consumption** by between 40 and 50 percent, he said.

"We thought we'd done about all..."

...chose the Omega Mirror out of the utility's directory of qualifying contractors, vendors and **equipment** suppliers based on the personal **recommendations** of other energy managers they knew in Cambridge who had successfully used the reflector.

To...

...guarantee the product and provide periodic reports on its performance. The product needs to be **installed** and maintained by a contractor that isn't just going to **install** it and disappear for us to be willing to offer rebates on it," he said...

...downlamped from four lamps to two, Henry said. In addition to the reflectors, Omega Lighting **installed** 487 Gold Medal core-and-coil ballasts manufactured by Robertson Transformer Co., Blue Island, Ill...

...DESCRIPTORS: **Installation**

13/3,K/49 (Item 30 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03526564 SUPPLIER NUMBER: 06823199 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Energy User News consultants directory 1988. (directory)**  
Energy User News, v13, n26, pS1(8)  
June 27, 1988  
DOCUMENT TYPE: directory ISSN: 0162-9131 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 4541 LINE COUNT: 00462

... Savings-achieved, Fee. GEOGRAPHICAL AREA: New England. CONSULTING SERVICES: Provide client with a no-cost **analysis** of **energy consumption** program within the firm. Upon **evaluation** of the analysis, **recommend** method and/or **equipment** changes with no-cost follow-up monitoring.

BOYLE ENGINEERING

CORPORATION 1501 Quail St., Newport Beach...

...ARRANGEMENT: Savings-achieved, Fee. GEOGRAPHICAL AREA: Middle Atlantic. CONSULTING SERVICES: Computrol is prepared to design, **install**, maintain, operate and own a cogeneration system on your premises. In order for us to ...demand side technologies, cogeneration systems, alternative fuels and advanced heat engines, and environmental systems. The **installed** value of EAM designed systems is over \$500 million.

Search Report from Ginger R. DeMille

ECI ENGINEERS, P.C. 121 Wyck...East North Central, South Atlantic, CONSULTING SERVICES: Energy Conservation and Management, Energy Audits, Design and **Installation** of Energy Systems.

LeBLANC & ASSAF AND  
ASSOCIATES, INC.  
CONSULTING  
ENGINEERS 2223 Quail Run Dr., Ste...

...GEOGRAPHICAL AREA: National. CONSULTING SERVICES: Landfill gas migration control systems--including feasibility, design, permitting and **installation**. All aspects of landfill recovery power plant design construction and operation. Manufacture skid mounted flaring...

...projects, Extended contract arrangement. ARRANGEMENT: Fee. GEOGRAPHICAL AREA: International, National. CONSULTING SERVICES: NERA provides economic **analysis** of issues related to **energy use** and public utility regulation often used in litigation. Subjects include fuel price forecasting, cost-benefit...

...Building Automation and Energy Management Systems from detailed surveys and energy audits to completed turnkey **installations**. Specializing in DDC programming, Optimum Management, Inc. can properly balance the applications programming with the...arrangement. ARRANGEMENT: Savings-achieved, Fee. GEOGRAPHICAL AREA: National. CONSULTING SERVICES: Turnkey Project Management (incl. Financing), **Energy Performance Contracting, Demand-side Energy Management, Energy Audits, Energy Use Studies, Engineering Analysis, Design Consultation, Equipment Specification, Project Maintenance and Monitoring**. Other Office Locations: 171 Main St., Ste...

...ARRANGEMENT: Savings-achieved, Fee. GEOGRAPHICAL AREA: National. CONSULTING SERVICES: Energy services company. Rose Group designs, **installs**, finances and guarantees the performance of energy cost-reduction retrofits in a wide variety of...

...Thermal Storage and Cogeneration, Energy Audits, Utility Monitoring and Allocation, Engineering Design, Construction Management, Turnkey **Installation**, Staff Training, Troubleshooting.

SYNERGICS, INC.  
410 Severn Ave., Ste. 313, Annapolis, MD 21403, (301) 268...

...industry, institutions and government, plus cogeneration plants, resource recovery facilities, alternate fuel units, combustion turbine **installation**, and applications of clean coal technology such as fluidized bed combustion.

VEI, INC.  
2711 LBJ...

13/3, K/50 (Item 31 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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03515826 SUPPLIER NUMBER: 06446791 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Packaged rooftop HVAC systems. (heating, ventilating and air conditioning)**  
Holzhauer, Ron  
Plant Engineering, v42, n2, p36(6)  
Feb 4, 1988  
ISSN: 0032-082X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2300 LINE COUNT: 00194

Search Report from Ginger R. DeMille

... system operational. Large packages with up to five modules require several days for assembly and **installation**; small sizes take a few hours. Rooftop equipment is sometimes called roof-mounted to divorce...

...of components are used in both approaches. Each component has an effect on overall performance. **Installation** and design also affect equipment characteristics.

In addition, the features that once easily distinguished packages...

...quality and substantially reduces the amount of field work required. Purchaser plant maintenance personnel often **install** or assist in the placement of the equipment, particularly small packages, to reduce costs further...

...normally cost less per ton and per square foot of conditioned space than central station **installations**.

Maintenance costs are a point of contention between packaged and central station proponents. Packaged equipment...be analyzed before a decision is made on which system has the maintenance advantage. Similar **advice** applies to the cost of **equipment** operation, which is another point of contention between unitary and central station advocates.

Several other...

...air handlers, boilers, controls, etc. This situation could lead to a significant coordination problem during **installation**, and to buckpassing if malfunctions develop.

\* Simplified design and **installation**. The central system designer must coordinate all pieces of hardware without the benefit of testing...

...Packaged equipment has reduced design and field engineering requirements and is tested and balanced before **installation**.

\* Spot conditioning. Packaged systems offer operating economies if only selected areas of the plant require...

...a large area.

\* Backup capability. The failure of one rooftop unit when several packages are **installed** has only a minor overall effect on the plant's temperature. In addition, many unitary...

...advisable to use the fewest units that will deliver the required tonnage. This practice minimizes **installation** costs, the number of roof penetrations, and maintenance and service requirements. However, these savings must...

...condensing.

Microprocessor-based controls are capable of regulating multiple units and are easy to design, **install**, and maintain. Each package contains a control module that acts as a unit brain. The of plant energy use. The system provides optimal start/stop, scheduling, **electrical demand monitoring**, and **monitoring** and diagnostic capabilities.

Noise reduction and control are very important in some **installations**. Reduction techniques include spring-mounting compressors, dynamically and statically balancing the motor/drive/fan assembly...

13/3,K/51 (Item 32 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rights reserved.

03132852 SUPPLIER NUMBER: 04837204 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Search Report from Ginger R. DeMille

Crown spent \$40,000 for new electric motors used to pump dye into the ...the company's electric bill..

Axelrod has begun a \$750,000 project, including plans to **install** state-of-the-art drying equipment before Christmas.

To help pay for it, Massachusetts Electric...

13/3,K/61 (Item 4 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

0452697 94-05638

**Power pay backs:** In an attempt to contain energy consumption, the state's utilities are rolling out incentives for businesses that adopt conservation measures

Kane, Sharyn; Keeton, Richard  
Business Atlanta (Atlanta, GA, US), V22 N11 s1 p26  
PUBL DATE: 931100  
WORD COUNT: 1,611  
DATELINE: Atlanta, GA, US

TEXT:

...For example, both offer energy audits for business customers, as well as provide incentives for **installing** energy-efficient equipment.

Many utilities, including Cobb Electric Membership Corp., offer customers energy audits free...

...EMC.

During the energy audit, an inspector tours a facility, evaluating both the building and **equipment**, then offers **advice** for reducing energy consumption. For Cobb EMC customers, most of whom are residential, the procedure...

...hour and the resulting recommendations typically include increasing insulation, applying caulking and weather stripping, and **installing** more efficient appliances.

But for big commercial and industrial users, energy audits can be far ...

...determine whether a full-scale energy audit would be worthwhile. The cost of the complete **audit** depends on the amount of **energy consumed** and, for large enterprises, the complexity of the examination. Most customers will reap significant savings...

...Georgia Power will provide 100 percent financing to pay for labor and materials used in **installing** efficient lighting systems. The loan's interest rate will be 1 percent above the prime...You pay more for efficiency," Elsberry says, "but if you are constructing a building and **install** higher efficiency equipment, you'd get your money back in a relatively short time." Developers...

13/3,K/62 (Item 5 from file: 635)

DIALOG(R) File 635:Business Dateline(R)  
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0042781 88-00197

**Industry Strives to Do More With Less Energy**

Ancone, Peter

Focus (Philadelphia, PA, US) N971 s1 p138

PUBL DATE: 871118

WORD COUNT: 1,940

DATELINE: PA, US

TEXT:

...lacked some of the equipment and manpower necessary to devote to the task of thoroughly **analyzing** and testing every area of **energy usage** within the operation."

SAVINGS AROUND THE COUNTRY: Just a glance through energy industry journals lends...

...costs from an annual average of \$20,000 to some \$8,000. Initial cost to **install** the systems is \$64,000, with payback expected to be achieved within 18 months.

In...

...does require retrofitting, but the monthly savings generated are sufficient to exceed the cost of **installation** .

Results like this, says Richard Furlano of Furst Energy, are attainable through most energy management...energy-savings."

Furst Energy -- FEI -- is a specialized engineering firm which provides for the testing, **analysis** and **evaluation** of **energy usage** for its clients. This "discovery" aspect of its services are its primary marketing thrust. From...

...clients.

Furst Energy's programs are developed via three distinct phases of service. These include:

**Evaluation** of **energy usage** and testing/ **analysis** of energy-specific **equipment** and systems.

**Recommendation** of specific steps for the client company to achieve optimal energy efficiency. This report also...

13/3,K/63 (Item 6 from file: 635)

DIALOG(R) File 635:Business Dateline(R)

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0000429 85-00429

**Natural Gas Self-Help Programs: What Are They? Are They Working?**

Trinter, Susan; Palenik, Joe

Executive Report (Pittsburgh, PA, US), V3 N8 s1 p22

PUBL DATE: 850200

WORD COUNT: 2,788

DATELINE: PA, US

Search Report from Ginger R. DeMille

TEXT:

...shares of their market. Many of the large-volume industrial customers switched from gas, or **installed** equipment that would burn an alternate fuel in the event of gas shortages.

The Act...and monitored by Honeywell's Atlanta computer which will determine potential heating-cooling problems.

Honeywell **audits** a building's **energy consumption**, makes **recommendations**, **installs** the required **equipment**, and guarantees the energy (and cost) savings. The customer finances the equipment, which becomes his...  
...realized, Murphy says.

According to Dave Avetta, chief engineer for the Joseph Horne Company, which **installed** energy-management equipment in four of its stores last fall, "We're starting to see..."

13/3, K/64 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

05707352 Supplier Number: 112186767 (USE FORMAT 7 FOR FULLTEXT)  
**Hot Stuff.**

Sound & Video Contractor, v22, n1, pNA  
Jan 1, 2004

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3032

You've put a tremendous amount of time and effort into designing the right **installed** A/V system for your client, integrating all of its many components and assuring elegance...

...is your friend." There's a reason for that.

Designing thermal management into an audio **installation** requires the same sort of systems approach that the rest of a project needs. But...

...and absorbed by the computer industry, where heat management is critical to keeping huge computer **installations** running.

PASSIVE AND ACTIVE

There are two main philosophies to approaching thermal management inside the...

...room itself must have the ability to remove the total heat from all racks. Many **installations** do not have the luxury of an air-conditioned environment, so consideration must be given...

...temperature significantly. Understanding how to quantify heat in this way will allow systems designers and **installers** to interact more efficiently with architects and builders.

For digital equipment, the room itself should...

...ambient air inside the closet exceeds 75 degrees Fahrenheit; 85 degrees Fahrenheit is the maximum **recommended** constant operating temperature for most **equipment**. Most studies have shown that for every 10 degrees Fahrenheit rise above 85 degrees Fahrenheit...

...on its way back to the return air (intake) duct.

Search Report from Ginger R. DeMille

In most integrated A/V **installations**, the largest heat load will come from power amplifiers while they are driven. (The state...

...save space. There are no exposed sides on racks in the middle of a multibay **installation**; therefore the only way to introduce air is through the face or rear. Additionally, the...

...air is to incorporate a fan top.

In these cases, it is acceptable but not **recommended** to put vents between **equipment** with front intakes. Most front-intake equipment fans are between 25 and 50 CFM each...

...down to the required amount will reduce the deposited dust.

There are other considerations when **installing** fans in enclosures. The **installation** of front doors in most cases has an effect on airflow. As a general rule...

...involved will go a long way toward helping create a robust and problem-resistant rack **installation**.

Bob Schluter is president and chief engineer at Middle Atlantic Products. He is currently designing...

...cooling requirements column.

System Requirements:

For passive and active ventilation, ensure adequate intake vents are **installed**.

Be certain no short-circuiting of air occurs.

This nomograph assumes full-range rock music...

...material.

This nomograph assumes that amplifiers are driven to medium-light clipping levels.

BTU/Hr. Calculations

One hundred percent of the **power consumed** by communications equipment and computer products is converted to heat. Calculating BTU/Hr. output for...

?

Search Report from Ginger R. DeMille

? t12/3,k/all  
>>>KWIC option is not available in file(s): 241

**12/3,K/1 (Item 1 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1061574 SUBFILE: EPRI TECHNICAL REPORT  
**Dehumidification Performance of Unitary Rooftop Air Conditioning Systems: K-Mart Demonstration**  
REPORT NUMBER: EPRI TR-106066 0072p.  
CONTRACT/GRANT NO.: RP3656-06  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1996 05  
PERFORMING ORG.: Electric Power Research Institute; University of Colorado

**12/3,K/2 (Item 2 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1051208 SUBFILE: EPRI TECHNICAL REPORT  
**Comparison of Two Building Thermal Test Methods**  
REPORT NUMBER: EPRI TR-101478 0100p.  
CONTRACT/GRANT NO.: RP2417-16  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1992 12  
PERFORMING ORG.: NAHB National Research Center; Geomet Technologies, Inc.

**12/3,K/3 (Item 3 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1051205 SUBFILE: EPRI TECHNICAL REPORT  
**Pinch Technology/Process Optimization**  
REPORT NUMBER: EPRI TR-101147-V5 VOL. 05 0120p.  
CONTRACT/GRANT NO.: RP2783-17  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1992 12  
PERFORMING ORG.: Tensa Services, Inc.

**12/3,K/4 (Item 4 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1038691 EPRI ACCESSION NO: 1263600 SUBFILE: EPRI TECHNICAL REPORT  
**Database of Generic Chemical Additives Usage In Cooling-Water Systems**  
REPORT NUMBER: EPRI CS-5133 0076p.  
CONTRACT/GRANT NO.: RP1261-14  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1987 04

**12/3,K/5 (Item 1 from file: 103)**  
DIALOG(R)File 103:Energy SciTec  
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Search Report from Ginger R. DeMille

04635395 EDB-00-105801

**Title: Selecting appropriate energy efficiency indicators for the Thai Energy Conservation Promotion Programme. Final report**

Author(s)/Editor(s): Eichhammer, W.; Gruber, E.; Cremer, C.

Corporate Source: Fraunhofer-Institut fuer Systemtechnik und Innovationsforschung (ISI), Karlsruhe (Germany)

Sponsoring Organization: Deutsche Gesellschaft fuer Technische Zusammenarbeit GmbH (GTZ), Eschborn (Germany)

Publication Date: Jun 2000

(91 p)

Report Number(s): ETDE-DE-892

Order Number: DE20101650

Contract Number (Non-DOE): GTZ 81031866

Language: English

...Abstract: by registered energy consultants, to identify energy saving opportunities, to set saving targets and to **recommend energy** conservation measures. Investments in **energy** efficient technologies are subsidized from an Energy Conservation Fund. **Data** from the energy **consumption** reports and the energy audit reports are **collected** in DEDP's database for further processing. The database is structured according to the Thai...

...for DEDP/BERC on behalf of the German Gesellschaft fuer Technische Zusammenarbeit (GTZ) was to **recommend** an appropriate set of **energy** efficiency indicators. This indicator set should allow DEDP to extract from the energy consumption reports...

12/3,K/6 (Item 2 from file: 103)

DIALOG(R)File 103:Energy SciTec

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04145342 ECN-97-0E0834; EDB-97-054046

**Title: Biofuel use assessments in Africa. Implications for greenhouse gas emissions and mitigation strategies**

Author(s): Kgathi, D.L. (National Institute of Development Research and Documentation, University of Botswana, Gaborone (Botswana)); Zhou, P. (Energy, Environment, Computer and Geophysical Applications Consultants, Gaborone (Botswana))

**Title: African greenhouse gas emission inventories and mitigation options. Forestry, land-use change, and agriculture**

Author(s)/Editor(s): Fitzgerald, J.F. (ed.) (United States Country Studies Program, Washington DC, WA (United States)); Braatz, B.V. (ed.) (ICF Incorporated, Washington DC, WA (United States)); Brown, S. (ed.) (United States Environmental Protection Agency, Corvallis, OR (United States)); Isichei, A.O. (ed.) (Obafemi Awolowo University, Ile-Ife (Nigeria)); Odada, E.O. (ed.) (University of Nairobi, Nairobi (Kenya)) ; Sc

Conference Title: African greenhouse gas emission inventories and mitigation options. Forestry, land-use change, and agriculture

Conference Location: Johannesburg (South Africa) Conference Date: 29 May - 2 Jun 1995

Publisher: Dordrecht (Netherlands) Kluwer Academic Publishers

Publication Date: 1995

p 147-163 (334 p)

Report Number(s): CONF-9505395--

ISBN: 0-7923-3942-8

Language: English

Search Report from Ginger R. DeMille

Abstract: The **energy** balances of most African countries **suggest** that biofuels (wood fuel, crop and wood dues, and dung) constitute the largest share of...

...on methodologies that might be inaccurate. A questionnaire, supplemented by informal interviews, are used to **collect data**, yielding information regarding end-uses, technologies used, scale of **consumption**, determinants of fuel consumption, and interfuel substitution (among other parameters). The survey revealed that cooking  
...

**12/3,K/7 (Item 3 from file: 103)**

DIALOG(R)File 103:Energy SciTec  
(c) 2004 Contains copyrighted material. All rts. reserv.

03278227 GB-91-052609; EDB-92-040984

**Title: The firing of ceramic tableware**

Original Series Title: Energy Consumption Guide

Corporate Source: Department of Energy, London (United Kingdom). Energy Efficiency Office AEA Environment and Energy, Harwell (United Kingdom) v no. 8.

Publication Date: Nov 1990

(31 p)

Report Number(s): GB-394

Order Number: DE92777920

Language: In English

Abstract: A postal survey was undertaken in 1989 by the British Ceramics Manufacturers Federation to **collect** annual energy **consumption data** from those members engaged in the manufacture of tableware. An analysis of the results of...

...of 10-15% in the energy used for firing by using some of the measures **suggested** in this report, national **energy** cost savings of Pound 1 million/annum would be realised. (author).

**12/3,K/8 (Item 4 from file: 103)**

DIALOG(R)File 103:Energy SciTec  
(c) 2004 Contains copyrighted material. All rts. reserv.

02212375 ERA-13-048874; EDB-88-155115

Author(s): Mazzucchi, R.P.; Bailey, S.A.; Zimmerman, P.W.

**Title: Prototype dining hall energy efficiency study**

Corporate Source: Pacific Northwest Lab., Richland, WA (USA)

Publication Date: Jun 1988

p 140

Report Number(s): PNL-6610

Order Number: DE88013881

Contract Number (DOE): AC06-76RL01830

Language: English

...Abstract: US Air Force Engineering and Services Center (AFESC) contracted with Pacific Northwest Laboratory (PNL) to **collect** and analyze end-use energy **consumption data** for a prototypical dining hall and make specific **recommendations** on cost-effective **energy** conservation options. This information will be used to establish or update criteria for dining hall...

Search Report from Ginger R. DeMille

```
? show files;ds
File 241:Elec. Power DB 1972-1999Jan
    (c) 1999 Electric Power Research Inst.Inc
File 103:Energy SciTec 1974-2004/Mar B2
    (c) 2004 Contains copyrighted material
```

Set	Items	Description
S1	0	(ENERGY OR GAS OR FUEL OR ELECTRICITY) () (USE OR USAGE OR DEMAND) (S) (RECOMMEND? OR SUGGEST? OR ADVICE? OR ADVIS?) (3N) (RE-ENGINEER? OR (NEW OR UPGRAD?) () (SYSTEM OR EQUIPMENT)) (S) (ARRANG? OR PROVID? OR CONDUCT? OR PERFORM?) (3N) (INSTALL?)
S2	24530	CONSULTANT? OR CONSULTING? OR ADVIS?R? OR ENGINEER
S3	329534	RECOMMEND? OR SUGGEST? OR ADVICE? OR ADVISE? OR ADVISING?
S4	574821	EQUIPMENT? OR (NEW OR UPGRAD?) (1W) (SYSTEM? ? OR TECHNOLOGY) OR REENGINEER? OR RE()ENGINEER?
S5	2171673	MONITOR? OR TRACK? OR ANALYS? OR ANALYZ? OR EVALUAT? OR STUDY? OR WATCH? OR CALCULAT? OR COMPUTE OR COMPUTING
S6	2529133	ENERGY OR GAS OR FUEL OR ELECTRIC? OR POWER
S7	149457	S6(3W) (USE OR USAGE OR DEMAND OR CONSUMPTION) OR S6(N) (USE OR USAGE OR DEMAND OR CONSUMPTION OR CONSUM?)
S8	582366	S4 OR AUDIT OR AUDITS OR AUDITING
S9	145167	INSTALL?
S10	26	S2 AND S3 AND S4 AND S7 AND S8 AND S9
S11	25	RD (unique items)
S12	24	S11 NOT PY>2000
	?	

Search Report from Ginger R. DeMille

? t12/3,k/all  
>>>KWIC option is not available in file(s): 241

**12/3,K/1 (Item 1 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1063418 SUBFILE: EPRI TECHNICAL REPORT  
**Site-Specific Assessment Evaluating the Use of Modular Gas Turbines to Defer T&D Investments**  
REPORT NUMBER: EPRI TR-106037 0108p.  
CONTRACT/GRANT NO.: WO1677; RP1677  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1996 07  
PERFORMING ORG.: Daniel, Mann, Johnson & Mendenhall

**12/3,K/2 (Item 2 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1058820 SUBFILE: EPRI TECHNICAL REPORT  
**Proceedings: Adjustable Speed Drive as a DSM Tool--"Fact or Fiction" Workshop**  
REPORT NUMBER: EPRI TR-104580 0167p.  
CONTRACT/GRANT NO.: RP2951-13  
DOCUMENT TYPE: Proceedings  
PUBLICATION YEAR: 1994 12  
PERFORMING ORG.: Ferraro, Oliver & Associates

**12/3,K/3 (Item 3 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1056057 SUBFILE: EPRI TECHNICAL REPORT  
**Water-Loop Heat Pump Systems**  
REPORT NUMBER: EPRI TR-101134-V1R1 VOL. 01 0112p.  
CONTRACT/GRANT NO.: RP2480-13  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1994 05  
PERFORMING ORG.: Eley Associates

**12/3,K/4 (Item 4 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1049793 SUBFILE: EPRI TECHNICAL REPORT  
**Circuit Breaker Maintenance; Volume 1: Low-Voltage Circuit Breakers; Part 2: GE AK Models**  
REPORT NUMBER: EPRI NP-7410-V1P2 VOL. 01 0704p.  
CONTRACT/GRANT NO.: RP2814-40  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1992 07  
PERFORMING ORG.: Grove Engineering, Inc.

**12/3,K/5 (Item 5 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB

Search Report from Ginger R. DeMille

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1049515 EPRI ACCESSION NO: 2403000 SUBFILE: EPRI TECHNICAL REPORT  
**Procurement, Operation, and Maintenance Guidelines for Electrostatic Precipitators With Rigid Emitting Frames or Electrodes**  
REPORT NUMBER: EPRI TR-100511 0072p.  
CONTRACT/GRANT NO.: RP1835-25  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1992 04

**12/3,K/6 (Item 6 from file: 241)**

DIALOG(R) File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

0015543 EPRI ACCESSION NO: 1618400  
**Commercial Applications of Water Heaters**  
CONTRACT/GRANT NO.: CEA413U459  
RECORD TYPE: Canada  
EPRI PROJECT STATUS: 02 Completed  
INVESTIGATING ORG.: Canadian Electrical Association (CEA)  
CONTACT: Douglas, H. E.  
(514) 937-6181  
PERFORMING ORG.: Ontario Research Foundation  
PROJECT COMPLETION DATE: 870430  
PUBLICATIONS: "Commercial/Institutional Service Water Heating - A State-of-the-Art and Practice Review." CEA413U459, May 1987.

**12/3,K/7 (Item 7 from file: 241)**

DIALOG(R) File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

0015065 EPRI ACCESSION NO: 1573600  
**Commercial Customer Electric Load Research**  
CONTRACT/GRANT NO.: CONED92282  
RECORD TYPE: Contract  
EPRI PROJECT STATUS: 02 Completed  
INVESTIGATING ORG.: Consolidated Edison Co. of New York, Inc. (CONED)  
CONTACT: Noberini, Robert P.  
(212) 460-2809  
PERFORMING ORG.: Xenergy, Inc.; Tishman Realty; Syska & Hennessy Associates  
PROJECT START DATE: 841201 PROJECT COMPLETION DATE: 880530

**12/3,K/8 (Item 1 from file: 103)**

DIALOG(R) File 103:Energy SciTec  
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04626535 EDB-00-096941  
**Title: Additional generation capacity or steam demand administration**  
Original Title: Capacidad adicional de generacion o administracion de demanda de vapor  
Author(s)/Editor(s): Plauchu Lima, Alberto; Plauchu Alcantara, Jorge Alberto (Plauchu Consultores, Morelia, Michoacan (Mexico))  
Conference Title: 20. National seminar on the rational use of energy and exposition of equipment and services  
Conference Location: Mexico, D. F. (Mexico) Conference Date: 15 - 19 Nov 1999  
Publication Date: 1999

Search Report from Ginger R. DeMille

(11 p)

Report Number(s): ETDE-MX-0000031  
Order Number: DE20068957  
Language: Spanish

...Abstract: of ATPAE papers on subjects on Demand in Steam Systems and on the Supply of Consulting Services, respectively, and this paper is a contribution that retaking both subjects, tries to motivate...

...administration of the energy to deepen into the real conditions, abilities and capacities of the equipment in the steam power plants and to the study of better options of its use...

...the ones that the proprietors of those facilities originally raised when soliciting the support of consulting services. Notice is made that in both cases capacity problems were contemplated, after the study and recommended actions it was demonstrated they handle their demands without augmenting the installed capacity, with avoided investments and increased efficiency. Finally the determinant is emphasized that can be the function of the consultant in the approach of his services and the direction towards orientation to right solutions.

...Descriptors: ENERGY DEMAND ;

12/3,K/9 (Item 2 from file: 103)

DIALOG(R)File 103:Energy SciTec  
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04536244 GRA-99-20183; EDB-00-004020

**Title:** Recommendations to improve energy efficiency at the Soo Area Office, Sault Ste. Marie, MI. Final report

Author(s)/Editor(s): Lister, L.; Savoie, M.J.

Corporate Source: Construction Engineering Research Lab., Champaign, IL (United States)

Publication Date: Aug 1999

(30 p)

Report Number(s): ADA-367649/XAB CERL-TR--99/70

Language: English

**Title:** Recommendations to improve energy efficiency at the Soo Area Office, Sault Ste. Marie, MI. Final report

Abstract: In terms of energy consumption , the Soo Area Office, Sault Ste. Marie, MI is the largest facility under US Army...

...is operated and maintained by the Detroit District, under the supervision of the Soo Area Engineer . Energy supply for the facility is unique because the US Hydroelectric Power Plant is located just north of the locks. The installation consumes about 3[percent] of the energy from the plant. Natural gas provides most of...

Descriptors: ENERGY CONSUMPTION ; ...

...ENERGY AUDITS ;

...Broader Terms: AUDITS ; ...

... EQUIPMENT ;

12/3,K/10 (Item 3 from file: 103)

DIALOG(R)File 103:Energy SciTec  
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Search Report from Ginger R. DeMille

04289155 JP-98-0H0047; EDB-98-049570

**Title:** Development of reader for the demand data from compound demand meter for power supply/ demand (CDM). Development of recommended tools for load leveling in existing works

Original Title: Denryoku jukyuyo fukugo keiki kara no demand data yomitori sochi no kaihatsu. Kisetsu kojo no fuka heijunka suisho tool no kaihatsu

Author(s): Sakamoto, S. (Kansai Electric Power Co. Inc., Osaka (Japan))

Source: R and D News Kansai v 360. Coden: RDNKE3 ISSN: 0913-4352

Publication Date: 10 Oct 1997

p 25-27

Language: Japanese

**Title:** Development of reader for the demand data from compound demand meter for power supply/ demand (CDM). Development of recommended tools for load leveling in existing works

...Abstract: system which reads the demand data for 30min. stored in the compound demand meter for power supply/ demand (CDM), and prints the load curves. It is for customers of high-voltage power of...

...than 500kW, where load management is less extensive than that in larger users, for initial consulting on improvement of load factor (recommendation of heat storage contracts). It is to be installed on the spot to display the load curves, to allow the expert visiting the site to issue initial proposals immediately. It displays 'daily demands by time zone' instead of 'monthly power consumption' previously provided, and makes the graph of demands by time zone. It is designed to...

Descriptors: CONSULTANTS ; ...

... POWER DEMAND ;

...Broader Terms: ELECTRICAL EQUIPMENT ; ...

...ELECTRONIC EQUIPMENT ; ...

... EQUIPMENT ;

12/3,K/11 (Item 4 from file: 103)

DIALOG(R)File 103:Energy SciTec

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03490525 EDB-93-069401

**Title:** Water-loop heat pump systems

Author(s)/Editor(s): Eley, C.; Hydeman, M. (Eley (Charles) Associates, San Francisco, CA (United States))

Corporate Source: Electric Power Research Inst., Palo Alto, CA (United States) Eley (Charles) Associates, San Francisco, CA (United States)

Sponsoring Organization: EPRI; Electric Power Research Inst., Palo Alto, CA (United States)

Publication Date: Dec 1992

(87 p)

Report Number(s): EPRI-TR-101134-Vol.1

Language: English

...Abstract: to conventional systems such as packaged rooftop or central chiller systems. These systems offer low installed costs, unparalleled design flexibility, and an inherent ability to recover heat in a variety of...

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...that incorporated recent research by EPRI, SCE, and others. The project team reviewed current literature, **equipment** data, and design guidelines from **equipment** manufacturers. They next discussed design and application practices with **consulting** engineers as well as design and building contractors. The team also ran extensive computer simulations...

...commercial and multifamily residential building models for Southern California, both to determine the sensitivity of **energy use** to WLHP system design parameters and to establish optimal design parameters. This information culminated in...

...design principles and incorporates the findings of the computer simulations and research. For example, it **recommends** lowering the loop temperature in buildings dominated by internal loads. Reducing the loop temperature from...

...a 7--10% savings in the total system energy in Southern California climate areas. Other **recommendations** include (1) **installing** a cooling tower with a propeller fan, which uses one fourth to one third of...

...in conjunction with two-position valves in the heat pumps to reduce the system pump **energy use** by up to 50%.

12/3, K/12 (Item 5 from file: 103)  
DIALOG(R) File 103:Energy SciTec  
(c) 2004 Contains copyrighted material. All rts. reserv.

02331173 NOV-89-054502; EDB-89-076967  
**Title:** Establishment of system control centre, Bahrain  
**Author(s):** Roche, P.; Casey, T.J.; McKenna, B.; O'Donovan, M.B.  
**Affiliation:** Electricity Supply Board, Dublin (IE)  
**Title:** Technology transfer: Case studies  
**Series/Collection Title:** Volume 2. Energy  
**Conference Title:** 14. international seminar of FEANI  
**Conference Location:** Dublin, Ireland **Conference Date:** 25 Sep 1985  
**Publisher:** Institution of Engineers of Ireland, Dublin, Ireland  
**Publication Date:** 1985  
p 155-168  
**Report Number(s):** CONF-8509374-  
**Language:** English

**Abstract:** Arising from a very high growth rate in **electricity consumption**, the Electricity Directorate in Bahrain was faced with the need to control and operate an...

...The recognition of requirements for safe, economic and secure operations led the utility to engage **consultants** to **advise** on procedures, organizations and **equipment** procurement and **installation**. This paper describes how the Electricity Supply Board (Ireland) carried out studies on power system...

...establishment of a modern computer-based real-time System Control Centre. The role of the **consultant** in developing the client's organization, in training its personnel and in ensuring that the...

...Major Descriptors: **ELECTRICITY -- ENERGY CONSUMPTION ; \*POWER SYST**

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12/3,K/13 (Item 6 from file: 103)  
DIALOG(R) File 103:Energy SciTec  
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02084518 FRC-87-004242; EDB-88-027240  
**Title:** New and renewable energies: dawn or dusk  
**Author(s):** Viaud, P.  
**Affiliation:** Ecole Nationale Supérieure Universitaire de Technologie,  
ENSUT, Dakar, Senegal  
**Source:** Rev. Energ. (France) v 393. Coden: REEND  
**Publication Date:** Jun 1987  
p 289-294  
**Language:** French

...Abstract: years now, the errors committed are analysed, and in particular; - the non-reliability of the **installations** and **equipment** proposed, - the immaturity and the shortcomings in the preparation of the NRE **advisory** programs from the social and economic point of view. The conditions and resources which should...

...to succeed in a genuine and effective development of new and renewable energies are then **suggested**. They involve the definition and implementation of affirmed and coherent deliberate political decisions, accompanied by...

...Descriptors: ENERGY CONSUMPTION ;

12/3,K/14 (Item 7 from file: 103)  
DIALOG(R) File 103:Energy SciTec  
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01996252 DE-87-010511; EDB-87-123924  
**Title:** Charming water-wave with natural gas technology. Hints for planning natural- gas use in hairdressers' shops  
**Author(s):** Schwarzfischer, I.  
**Affiliation:** Gasversorgung Süddeutschland G.m.b.H., Stuttgart, Germany, F.R.  
**Source:** Gas (Munich) (Germany, Federal Republic of) v 37:4. Coden: GZRED  
**Publication Date:** Jul-Aug 1986  
p 198-212  
**Language:** German

**Title:** Charming water-wave with natural gas technology. Hints for planning natural- gas use in hairdressers' shops  
**Abstract:** Both fitters of natural-gas **equipment** and **advisers** on the staff of gas utilities who deal with hairdressers' shops must have detailed knowledge...

...part in that trade. The paper presents detailed information on water-heating in hairdressers' shops. **Advisory** staff will find important clues.

...Major Descriptors: SERVICE SECTOR -- THERMAL ENERGY STORAGE EQUIPMENT

...Descriptors: ENERGY CONSUMPTION ; ...

... INSTALLATION ;

...Broader Terms: EQUIPMENT ;

12/3,K/15 (Item 8 from file: 103)

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DIALOG(R)File 103:Energy SciTec  
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01616725 FRG-84-06993; EDB-85-123500

Author(s): Rapp, K.

**Title: Energy-saving heating control**

Original Title: Energiesparende Heizungsregelung

Publisher: Franzis, Muenchen, Germany, F.R.

Publication Date: 1984

p 148

Language: German

...Abstract: central heating system, automatic control device), a heating system as viewed by the automatic control **engineer** (heating curve, boiler, mixer valve, circulation pump, radiator, thermostat valve), temperature measurement circuitry (sensors, operation amplifiers, circuiting **suggestions** ), different proposals and partial circuits for individual components of a weather-dependent flow temperature control

...

...Descriptors: **ENERGY DEMAND** ; ...

... **INSTALLATION** ;

Broader Terms: **CONTROL EQUIPMENT** ; ...

... **EQUIPMENT** ;

**12/3,K/16 (Item 9 from file: 103)**

DIALOG(R)File 103:Energy SciTec  
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01338739 FR-84-00267; EDB-84-036415

**Title: Penetration of electricity in industry: a manufacturer's point of view (Clemessy)**

Author(s): Defline, L.

Source: Ann. Mines (France) v 7. Coden: ANMSA

Publication Date: Jul 1983

p 49-56

Language: French

...Abstract: power. The part played by a manufacturer is to permit the industry to manage its **power consumption** properly by supplying appropriate control **equipment**, and by giving **advice** on the replacement of old-fashioned **equipment** by new **equipment** with greater economy in energy. This **advisory** part is particularly important in the case of new **installations** which have been designed on the basis of electrical and electronic engineering advances.

...Major Descriptors: **ELECTRICAL EQUIPMENT -- CONTROL SYSTEMS**...

...**ELECTRICAL EQUIPMENT -- EFFICIENCY**...

...**ELECTRICAL EQUIPMENT -- ENERGY MANAGEMENT**...

...Broader Terms: **EQUIPMENT** ;

**12/3,K/17 (Item 10 from file: 103)**

DIALOG(R)File 103:Energy SciTec  
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01330499 EDB-84-028174

Search Report from Ginger R. DeMille

**Title:** Power demand of electric systems

**Author(s):** Floerke, H.

**Source:** ETZ, Elektrotech. Z. (Germany, Federal Republic of) v 104:12.

**Coden:** EELZD

**Publication Date:** Jun 1983

p 586-589

**Language:** German

**Title:** Power demand of electric systems

**Abstract:** The **power demand** factor  $g$  is an important planning parameter for the design of new electric **systems**. In rare cases, it can be determined from the summed-up power of all **installed power-consuming** components. In most cases, however, factors such as mode of operation, reserves, extension possibilities etc. are influencing parameters. The IEC therefore worked on a guide for **power demand** calculation for the projecting **engineer**. However, the draft was never published. The author gives some background information.

...Major Descriptors: POWER SYSTEMS -- DEMAND FACTORS

...Descriptors: RECOMMENDATIONS ;

12/3,K/18 (Item 11 from file: 103)

DIALOG(R)File 103:Energy SciTec

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00790676 EDB-81-098941

**Title:** Georgia Tech's industrial energy extension service--a novel approach to industrial energy conservation

**Author(s):** Moran, W.G.

**Affiliation:** Ga Inst of Technol, Atlanta

**Conference Title:** IEEE annual textile industry technical conference

**Conference Location:** Atlanta, GA, USA **Conference Date:** 7 May 1980

**Source:** IEEE Annu. Text. Ind. Tech. Conf., Proc. (United States) v 80CH1553-7. **Coden:** IATTD

**Publication Date:** 1980

p vp

**Report Number(s):** CONF-8005179-

**Language:** English

...Abstract: energy conservation. The program is structured around two major elements: in plant assistance, including energy **audits** and **consulting**, and technology transfer, including workshops, seminars and information dissemination. Energy **audits** are conducted by teams of trained, experienced Georgia Tech engineers. Data is collected on current **energy use** patterns, and each significant energy user's operating efficiency is analyzed. Modifications to both operational practices and the **equipment** or processes themselves are then considered, including the comparative economics of implementation. Formal reports are prepared with specific energy conservation **recommendations** and supporting rationale. A series of computer programs has been developed to facilitate analysis of frequently encountered potential energy conservation situations. These include programs on boiler tune-up, **installation** of an economizer on combustion units, relocation of air compressor intakes, heat recovery from dryer exhausts, and **electrical demand** control.

...Major Descriptors: ENERGY EXTENSION SERVICE -- RECOMMENDATIONS ; \*

Descriptors: ENERGY AUDITS ;

Broader Terms: AUDITS ;

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12/3,K/19 (Item 12 from file: 103)

DIALOG(R)File 103:Energy SciTec

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00626655 EDB-80-066179

**Title: Energy savings going well at Shell**

Author(s): Rudgard, H.A.

Source: Energy Manage. (London) (United Kingdom) Coden: EMAND

Publication Date: Jan 1980

p 2

Language: English

Abstract: Shell (UK) is attacking its four million pound annual fuel bill and has already lowered **energy consumption** by 25 percent in two large buildings. Although building **energy use** represents only one percent of the company's total consumption, the energy **adviser**, Tony Rudgard, considers this a significant portion because it involves the work force in conservation...

...factory buildings. Building changes include more-efficient lighting and waste heat recovered from computers and **equipment**. Finding it necessary to counteract the workers' psychological resistance to some of the changes, Rudgard...

...motivating reminders. He also took advantage of the company's experiences during the 1973-74 **energy shortage**. Oil **consumption** was plotted against degree days to determine the building characteristics of the Shell Centre rather than **installing** a costly computer model. Shell's basic approach is to invest the money saved from good-housekeeping practices in long-term energy-saving **equipment**.  
(DCK)

...Descriptors: HEAT RECOVERY **EQUIPMENT** ;

...Broader Terms: **EQUIPMENT** ;

12/3,K/20 (Item 13 from file: 103)

DIALOG(R)File 103:Energy SciTec

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00475256 ERA-04-030682; EDB-79-049355

**Title: Efficient use of electricity in motor drives**

Author(s): Knights, D.E.

Affiliation: Electr Res Assoc Ltd, Leatherhead, Surrey, Engl

Source: Electron. Power (United Kingdom) v 23:11. Coden: ELPWA

Publication Date: 1977

p 921-924

Language: English

...Abstract: that the current UK population of ac electric motors is around 375 million with an **installed** power rating of about 100 GW; hence any small savings achieved in **energy consumption** by individual motors could collectively realise significant savings on a company and national scale, allowing...

...drive systems that will enable a minimum of first cost and energy costs over the **equipment** life to be obtained. The report will be of particular value in **advising** industry how to operate plant more efficiently and will enable manufacturers and **consultants** in this field to give guidance on increasing motor efficiency. It is hoped that by discussions with motor users and manufacturers, and by energy

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audits of factories with large **electrical consumption**, better selection, application and operation criteria will be developed, permitting more efficient use of electricity...

12/3,K/21 (Item 14 from file: 103)

DIALOG(R)File 103:Energy SciTec  
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00434501 ERA-04-006158; EDB-79-002598

**Title:** Fuel efficiency booklet. 12. Energy management and good lighting practices

Publisher: Department of Energy, London

Publication Date: (nd)

p 12

Language: English

...Abstract: requirements, and at the same time maintaining or improving lighting standards are discussed. It is **suggested** that expert **advice** be sought either from the electrical supply industry, the manufacturers of lighting **equipment**, or **consultants** before any scheme of replacement or improvement of lighting is embarked upon.

...Descriptors: ENERGY CONSUMPTION ; ...

... ENERGY DEMAND ; ...

... INSTALLATION ; ...

... RECOMMENDATIONS ;

...Broader Terms: ELECTRICAL EQUIPMENT ; ...

... EQUIPMENT ;

12/3,K/22 (Item 15 from file: 103)

DIALOG(R)File 103:Energy SciTec  
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00420803 GAP-78-011341; EDB-78-119984

**Title:** Energy management workbook

Publisher: National Retail Merchants Association, New York

Publication Date: 1978

p 110

Language: English

...Abstract: and other business and commercial enterprises. The National Retail Merchants Association (NRMA) served in an **advisory** capacity to the FEA in developing these workshops and this "Energy Management Workbook" is a...

...Workbook is provided for retailers and other commercial interests seeking to achieve significant saving in **energy use** and cost, short of **installing** expensive new **equipment** or making costly modifications to existing buildings. Outlined in these pages are practical **suggestions** concerning how to organize for energy management; how to conduct an energy survey and measure **energy consumption**; how to identify energy savings potential; and how to implement energy conservation methods. Technical material...

...Major Descriptors: COMMERCIAL SECTOR -- ENERGY CONSUMPTION ; \*...

...SMALL BUSINESSES -- ENERGY CONSUMPTION ; \*

12/3,K/23 (Item 16 from file: 103)

DIALOG(R) File 103:Energy SciTec

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00307475 EPA-; EDB-77-145923

**Title:** Demand-limiting can give users significant saving

Author(s): Beachley, R.W.

Affiliation: Engineering Consultants Inc., Charlotte, NC

Source: Energy User News (United States) v 2:16. Coden: EUSND

Publication Date: 25 Apr 1977

p 22

Language: English

**Abstract:** Industries can save money by **installing** demand limiters without sacrificing production, efficiency, or human comfort, according to this engineering **consultant**. Pulse-rate limiters can usually be obtained for use with the same type of kilowatt...

...they are practical. Interruptible service can be effectively used for water heaters and temperature-control **equipment**. A qualified electrical contractor and **engineer** can **recommend** the most economical **equipment** needed for a specific **installation**. Utilities are generally favorable to steps taken that level the demand. (DCK)

...Descriptors: ELECTRICAL **EQUIPMENT** ; ...

... **ENERGY CONSUMPTION** ;

...Broader Terms: ELECTRICAL **EQUIPMENT** ; ...

... **EQUIPMENT** ;

12/3,K/24 (Item 17 from file: 103)

DIALOG(R) File 103:Energy SciTec

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00153747 ERA-02-003357; EPA-; EDB-76-092005

**Title:** Energy use in non-residential buildings

Author(s): Slattery, E.F.; Smith, C.B. (ed.)

**Title:** Efficient electricity use : a practical handbook for an energy constrained world

Publisher: Pergamon Press Inc., Elmsford, NY

Publication Date: 1976

p 651-708

Language: English

**Title:** Energy use in non-residential buildings

**Title:** Efficient electricity use : a practical handbook for an energy constrained world

...Abstract: assembly, and monumental buildings are responsible for leadership in achieving national goals of more efficient **energy use**. Their success will depend to some extent on the cooperation of the regulatory agencies, the...

...s ingenuity. Architect-engineers will need to reassess the impact of codes, building regulations, and **recommended** practices of the professional societies which impact **energy demand** and **use**.

Significant changes from the **energy use** patterns of the period 1950-1970 will be required in the period 1980-2000. Building systems analyses will be particularly useful in determining where **energy**

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**demand** can be minimized and **energy use** efficiency maximized. Life-cycle cost comparisons of candidate systems design are expected to be an essential part of the architect- **engineer** 's work in the 1980s. Planning for non-residential buildings to be constructed in the near future must include provision for the **installation** of supplemental energy sources and energy storage subsystems. This will require architect-engineers to maintain...

...solar and wind energy plants. Architect-engineers should begin to develop concepts for increasing the **energy use** efficiency in existing non-residential buildings with remaining useful economic life. Use efficiency can be...

...the late 1970s by waste heat recovery apparatus, reduction of energy losses, and computer-managed **energy usage**. 21 references.

...Major Descriptors: COMMERCIAL BUILDINGS -- ENERGY DEMAND ; \* ELECTRIC

...ELECTRIC POWER -- DEMAND FACTORS...

## ...SCHOOL BUILDINGS -- ENERGY DEMAND

...Broader Terms: ELECTRICAL EQUIPMENT ; ...

... EQUIPMENT ;

?

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1417383 NTIS Accession Number: DE89001249  
**Advanced Energy Design and Operation Technologies**  
Brambley, M. R. ; Crawley, D. B.  
Battelle Pacific Northwest Labs., Richland, WA.  
Corp. Source Codes: 048335000; 9512268  
Sponsor: Department of Energy, Washington, DC.  
Report No.: PNL-SA-15605; CONF-880814-17  
Sep 88 6p  
Languages: English Document Type: Conference proceeding

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Journal Announcement: GRAI8908; NSA1400  
Summer study on energy efficiency in buildings, Pacific Grove, CA, USA,  
28 Aug 1988.

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... during operation. Advanced technologies for overcoming these problems  
are described in this paper. The advanced **energy** design and operations  
technologies will consist of an **intelligent automated** design **advisor**  
that utilizes artificial intelligence and other advanced computer  
technologies to provide assistance to and encourage...

**3/3,K/2 (Item 1 from file: 8)**  
DIALOG(R)File 8:Ei Compendex(R)  
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03084555 E.I. Monthly No: EI9107079170  
**Title: Knowledge-based system for residential HVAC applications.**  
Author: Jafar, Musa; Bahill, A. Terry; Osborn, Donald E.  
Corporate Source: Pima College, Tucson, AZ, USA  
Source: ASHRAE Journal v 33 n 1 Jan 1991 p 20-24, 26  
Publication Year: 1991  
CODEN: ASHRAA ISSN: 0001-2491  
Language: English

...Abstract: verification, validation, testing and evaluation of the  
Western Area Power Administration/Salt River Project Residential **Expert**  
**System** (WAPA/SRPRES). This is a residential **energy** savings **advisor**,  
developed at the University of Arizona under a contract for the Western  
Area Power Administration...

**3/3,K/3 (Item 1 from file: 16)**  
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07796135 Supplier Number: 65137676 (USE FORMAT 7 FOR FULLTEXT)  
**RTOs and Market Design: How To Get Electricity Markets To Work September**  
**28-29, 2000.**  
PR Newswire, pNA  
Sept 11, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 476

... William L. Massey, Commissioner, Federal Energy Regulatory  
Commission. Other confirmed speakers include: Scott Miller, Federal  
**Energy** Regulatory Commission; Sally Hunt, NERA; John Chandley, LECG  
**Consulting**; Edward G. Cazalet, **Automated** Power Exchange; Scott M.  
Harvey, Navigant **Consulting**; Gregory Blue, Dynegy; Curtis L. Kebler,  
Reliant **Energy**; David Jermain, formerly of the California Power Exchange;  
Anjali Sheffrin, California ISO; Harvey Reed, Constellation...

**3/3,K/4 (Item 2 from file: 16)**

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07732614 Supplier Number: 64188683 (USE FORMAT 7 FOR FULLTEXT)  
**NewEnergy Associates Invites Forecasters To 'Just Download' Market Price Forecasts Free of Charge.**

Business Wire, p2059

August 15, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 303

... web site at <http://www.newenergyassoc.com/justdownloadit>.

NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

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**National Fuel Gas Distribution Corporation Licenses NewEnergy Associates' NOSTRADAMUS Neural Network Forecasting System.**

Business Wire, p2472

July 11, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 316

ATLANTA--(BUSINESS WIRE)--July 11, 2000

NewEnergy Associates, leading provider of **decision support** and operational management software and **consulting** services to **energy** companies worldwide, is pleased to announce the addition of National Fuel Gas Distribution Corporation to...

**3/3,K/6 (Item 4 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

07510062 Supplier Number: 63039923 (USE FORMAT 7 FOR FULLTEXT)

**Brubaker and Associates Chooses NewEnergy MarketPower to Forecast Mid- To Long- Range Market Prices for Clients.**

Business Wire, p2454

June 29, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 342

... MarketPower will allow BAI to deliver the most accurate price forecasts as part of their **consulting** relationships."

NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

Search Report from Ginger R. DeMille

**3/3,K/7 (Item 5 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07289466 Supplier Number: 61822320 (USE FORMAT 7 FOR FULLTEXT)  
**Southern Maryland Electric Cooperative Selects NewEnergy RetailOffice to Manage Retail Project.**  
Business Wire, p1638  
May 1, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 328

... the industry the opportunity to manage their entire retail business from their Internet browser!"

New Energy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has specialized in the development and support of integrated...

**3/3,K/8 (Item 6 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07074255 Supplier Number: 59625081 (USE FORMAT 7 FOR FULLTEXT)  
**NewEnergy Associates Makes Forecasting Even More Effortless with WeatherBank's E-Commerce Weather Services.**  
Business Wire, p1706  
Feb 28, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 367

... in forecasting is paramount."

;;;;NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

**3/3,K/9 (Item 7 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06981339 Supplier Number: 59089958 (USE FORMAT 7 FOR FULLTEXT)  
**NewEnergy Associates Urges Forecasters to 'Just Download It!'**.  
Business Wire, p1704  
Jan 31, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 327

... CD be sent to them in the mail.

NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

Search Report from Ginger R. DeMille

3/3,K/10 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06734736 Supplier Number: 56542594 (USE FORMAT 7 FOR FULLTEXT)  
**NewEnergy Associates Further Expands its Consulting Practice.**

Business Wire, p0756  
Oct 19, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 353

... superior software and such an extensive client base."  
NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

3/3,K/11 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06679006 Supplier Number: 55902329 (USE FORMAT 7 FOR FULLTEXT)  
**NewEnergy Associates teams up with SIGECO to create framework for Customer Profitability Analysis.**  
Business Wire, p1308  
Sept 29, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 347

... software and the NewEnergy consultants that support it."  
NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

3/3,K/12 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06662407 Supplier Number: 55863537 (USE FORMAT 7 FOR FULLTEXT)  
**NOSTRADAMUS Predicts a Lighter Workload for Energy Forecasters.**  
Business Wire, p1474  
Sept 27, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 376

... or by simply populating the desired Excel spreadsheet.  
NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, NewEnergy has been specializing in the development and support of integrated...

3/3,K/13 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)

Search Report from Ginger R. DeMille

(c) 2004 The Gale Group. All rts. reserv.

06639508 Supplier Number: 55764827 (USE FORMAT 7 FOR FULLTEXT)  
**NewEnergy Associates Announces the Release of MarketPower - A Revolutionary New Energy AND Capacity Price Forecasting System.**  
Business Wire, p0216  
Sept 16, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 458

... to be used in all NewEnergy software solutions.

NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, NewEnergy has been specializing in the development and support of integrated...

**3/3,K/14 (Item 12 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06549848 Supplier Number: 55394407 (USE FORMAT 7 FOR FULLTEXT)  
**NewEnergy Associates Expands its Consulting Practice.**  
Business Wire, p0545  
August 9, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 255

... growing consulting practice with his extensive knowledge of electric utility management, power project development, and **consulting** ."

NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

**3/3,K/15 (Item 13 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06438271 Supplier Number: 54994406 (USE FORMAT 7 FOR FULLTEXT)  
**Financial Reporting Takes a Huge Step Forward - NewEnergy Announces the release of ACUMEN II with the NewEnergy Office Report Agent.**  
Business Wire, p0149  
June 25, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 429

... projections by integrating a company's financial outlook.

NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

**3/3,K/16 (Item 14 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)

Search Report from Ginger R. DeMille

(c) 2004 The Gale Group. All rts. reserv.

06358302 Supplier Number: 54697007 (USE FORMAT 7 FOR FULLTEXT)

**Corporate Profile** for NewEnergy Associates, dated May 21, 1999.

Business Wire, p0161

May 21, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 206

... jensen@newenergyassoc.com

Industry: Software and Consulting Services, **Energy** Industry

Company description: NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

**3/3,K/17 (Item 15 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

06286400 Supplier Number: 54440566 (USE FORMAT 7 FOR FULLTEXT)

**NewEnergy Associates Announces its New Release of PROMOD IV; Generation and Transmission Simulation for Competitive Decision-Making.**

Business Wire, p1579

April 21, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 366

... the complicated physical knowledge of the transmission system.

NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, NewEnergy has been specializing in the development and support of integrated...

**3/3,K/18 (Item 16 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

06149053 Supplier Number: 53934590 (USE FORMAT 7 FOR FULLTEXT)

**NewEnergy Associates Announces the New Release of its Market-Based Corporate Planning Software.**

Business Wire, p1663

Feb 22, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 386

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

ATLANTA--(BUSINESS WIRE)--Feb. 22, 1999--NewEnergy Associates, leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry, announced today the release of the much-anticipated new version of its PROSCREEN II...

... merchant

Search Report from Ginger R. DeMille

plant development or investment in existing assets.

NewEnergy Associates is a leading provider of **decision support** and operational management software and **consulting** services to the **energy** industry. Headquartered in Atlanta, Georgia, NewEnergy has been specializing in the development and support of...

**3/3,K/19 (Item 17 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05906722 Supplier Number: 53125369 (USE FORMAT 7 FOR FULLTEXT)

**NewEnergy Associates Celebrates 1 Year Anniversary with Introduction of the NewEnergy Office Product Line.**

Business Wire, p1466

Oct 26, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 487

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...currently celebrating its one year anniversary as an independent company, is a leading provider of **decision support** and operations management software and **consulting** services to **energy** companies worldwide. NewEnergy was created in a spin off from Electronic Data Systems (EDS) one...

**3/3,K/20 (Item 18 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05641560 Supplier Number: 50087100 (USE FORMAT 7 FOR FULLTEXT)

**NewEnergy Associates Announces a Major New Release of the NOSTRADAMUS Neural Network Energy Load & Price Forecasting System.**

Business Wire, p06161416

June 16, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 401

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

ATLANTA--(BUSINESS WIRE)--June 16, 1998--NewEnergy Associates, a leading provider of **decision support** software and **consulting** services to electric and gas utilities and **energy** marketers worldwide, is pleased to announce the immediate availability of Version 4.0 of the...

**3/3,K/21 (Item 19 from file: 16)**

DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04719280 Supplier Number: 46947980 (USE FORMAT 7 FOR FULLTEXT)

**Michael E. Bielonko elected President-YESCo and RMS.**

Business Wire, p12051215

Dec 5, 1996

Search Report from Ginger R. DeMille

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 749

... and service company that provides heating, ventilating and air conditioning services and a designer of automated temperature control systems, acquired in July 1996; and YESCo Energy Consulting Services, created in May 1996 to help customers solve complex energy purchasing decisions brought about...

**3/3, K/22 (Item 20 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04690162 Supplier Number: 46903307 (USE FORMAT 7 FOR FULLTEXT)  
**Banyan extends StreetTalk for Windows NT with robust messaging capabilities.**

Business Wire, p11190045  
Nov 19, 1996

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 874

... to perform timely maintenance and minimize downtime.  
"We are extremely satisfied with the performance of Intelligent Messaging for Windows NT," said Ian Fraser, consulting engineer for Energy Australia. " Intelligent Messaging integrated with StreetTalk provides us with the ability to deploy Windows NT in our...

**3/3, K/23 (Item 1 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

05894506 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**CLIPSAL INDUSTRIES - ACQUISITION OF NEW SUBSIDIARY**  
ASIA PULSE  
May 24, 1999  
JOURNAL CODE: WAPL LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 185

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... The principal activities of CTSB are that of the supply of project concepts, designs, products, consulting , commissioning and related services on home automation, intelligent energy and building management systems for the building industry.

The consideration was funded through internal resources...

**3/3, K/24 (Item 2 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

02755829 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**PROS Names Richard Ruggiero Vice President Energy**  
PR NEWSWIRE  
September 09, 1998  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

Search Report from Ginger R. DeMille

WORD COUNT: 504

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... expanding our leading role in energy- industry revenue optimization into every phase of today's **energy** delivery systems."

PROS **Energy** is delivering to the **energy** industry **consulting** services and a suite of **decision - support** tools designed to optimize revenue within very demanding marketing and operating environments. These tools will...

3/3,K/25 (Item 1 from file: 103)

DIALOG(R)File 103:Energy SciTec

(c) 2004 Contains copyrighted material. All rts. reserv.

03898340 EDB-95-142108

**Title: Energy Scheming's design advisor**

Author(s): Brown, G.Z.; Kline, J.; Sekiguchi, T. (Univ. of Oregon, Eugene, OR (United States). Energy Studies in Buildings Lab.)

**Title: Solar '95: Proceedings of the 20. national passive solar conference. Volume 20**

Author(s)/Editor(s): Campbell-Howe, R.; Wilkins-Crowder, B. (eds.)

Conference Title: SOLAR '95: national solar energy conference: 10,000 solutions - paths to a renewable future

Conference Location: Minneapolis, MN (United States) Conference Date: 15-20 Jul 1995

Publisher: Boulder, CO (United States) American Solar Energy Society

Publication Date: 1995

p 286-291 (361 p)

Report Number(s): CONF-950725--

ISBN: 0-89553-210-7

Language: English

**Abstract:** This paper describes the development of an **expert system** --the **design advisor** --which is a component of the **Energy** Scheming software. Energy Scheming was designed to be used in the schematic stage of architectural...

3/3,K/26 (Item 2 from file: 103)

DIALOG(R)File 103:Energy SciTec

(c) 2004 Contains copyrighted material. All rts. reserv.

03135513 NOV-91-011254; EDB-91-072948

**Title: A knowledge-based system for residential HVAC applications**

Author(s): Bahill, A.T.; Osborn, D.E. (Univ. of Arizona, Tucson, AZ (US)); Jafar, M.J. (Pima College, Tucson, AZ (US))

Source: ASHRAE Journal (American Society of Heating, Refrigerating and Air-Conditioning Engineers) (USA) v 33:1. Coden: ASHRA ISSN: 0001-2491

Publication Date: Jan 1991

p 20-26

Language: In English

**Abstract:** verification, validation, testing and evaluation of the Western Area Power Administration/Salt River Project Residential **Expert System** (WAPA/SPRES). This is a residential **energy** savings **advisor**. The **expert system** was designed to provide readily available knowledge supporting SRP's residential energy audit efforts.

Search Report from Ginger R. DeMille

The...

3/3,K/27 (Item 1 from file: 144)  
DIALOG(R) File 144:Pascal  
(c) 2004 INIST/CNRS. All rts. reserv.

13281597 PASCAL No.: 98-0003864  
**The role of OR in shaping the future : smart bits, helpful ways and things that matter**  
ORMEROD R J  
Warwick Business School, United Kingdom  
Journal: The Journal of the Operational Research Society, 1997, 48 (11)  
1045-1056  
Language: English

Copyright (c) 1997 INIST-CNRS. All rights reserved.

English Descriptors: Operations research; Algorithm; **Consultant** ; Social aspect; Coal mining; **Decision support** system; **Energy** economy; Planning; Model matching; Strategy

3/3,K/28 (Item 2 from file: 144)  
DIALOG(R) File 144:Pascal  
(c) 2004 INIST/CNRS. All rts. reserv.

09428424 PASCAL No.: 91-0218801  
**A knowledge-based system for residential HVAC applications**  
MUSA JAFAR; BAHILL T; OSBORN D E  
Pima coll., Tucson AZ, USA  
Journal: ASHRAE journal, 1991, 33 (1) 20-26 (6 p.)  
Language: English

... verification, validation, testing and evaluation of the Western Area Power Administration/Salt River Project Residential **Expert System** (WAPA/SRPRES). This is a residential **energy** savings **advisor** . The WAPA/SRPRES obtains information about a specific customer's house and energy consumption through...

3/3,K/29 (Item 1 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05898864 SUPPLIER NUMBER: 12390503 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**"Experts" raise CADD's I.Q. (computer-aided design and drafting)**  
Olson, Christopher  
Building Design & Construction, v33, n5, p38(2)  
May, 1992  
ISSN: 0007-3407 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1043 LINE COUNT: 00086

... its resident advisors and the Mountain Top CADD component. However, the AEDOT model adds several **energy** -related enhancements, including a daylighting **advisor** , **automated** compliance with portions of the ASHRAE 90.1-1989 building **energy** standard, and capabilities for analyzing the relationship between energy efficiency and building massing.

The AEDOT...

Search Report from Ginger R. DeMille

**3/3,K/30 (Item 2 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

02033244 SUPPLIER NUMBER: 03293713 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Small telcos must manage to survive. (response by leaders of 3 major**

**industry associations)**

Telephone Engineer & Management, v88, p194(5)

June 1, 1984

ISSN: 0040-263X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 2807 LINE COUNT: 00220

... sales and/or maintenance; security and alarm systems; resale of long distance; paging; cellular; CATV; **energy** management; home computers; Radio Shack-type operations; answering services; communications **consulting** : hotel-motel PBX-accounting-resale; **intelligent** buildings; communications, data, **energy** control, resale to tenants; long distance service (Independents are not prohibited)f billing for long...

**3/3,K/31 (Item 3 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

01760044 SUPPLIER NUMBER: 02808099 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Energy consultants: 6th annual. (separate supplement)**

Energy User News, v8, pS1(32)

June 20, 1983

ISSN: 0162-9131 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 52501 LINE COUNT: 04597

... to see those companies listed under the NATIONAL, MIDDLE ATLANTIC regional and NEW YORK sections.

**Automated Energy Management Systems** EC

George Birman, PE, **Consulting** Eng. EC

**Creative Energy** Co. EC

Energy Consulting Services of Connecticut EC

New York Energy Associates, Inc. EC

Smith...

**3/3,K/32 (Item 1 from file: 241)**

DIALOG(R) File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1049754 EPRI ACCESSION NO: 2433500 SUBFILE: EPRI TECHNICAL REPORT

**Prototype Expert System for Load Management**

REPORT NUMBER: EPRI TR-100732-V1 VOL. 01 0112p.; VOL. 02 0100p.

CONTRACT/GRANT NO.: RP2944-05

DOCUMENT TYPE: Final Report

PUBLICATION YEAR: 1992 07

PERFORMING ORG.: TASC, Inc.

**3/3,K/33 (Item 2 from file: 241)**

DIALOG(R) File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

0015229 EPRI ACCESSION NO: 1587500

Search Report from Ginger R. DeMille

**Development of Compressor Productivity Consultant System**

CONTRACT/GRANT NO.: RP2224-06

RECORD TYPE: Contract

EPRI PROJECT STATUS: 02 Completed

INVESTIGATING ORG.: Electric Power Research Institute (EPRI)

CONTACT: Membership Division

(650) 855-2411

PERFORMING ORG.: Advanced Information & Decision Systems

PROJECT START DATE: 850830 PROJECT COMPLETION DATE: 880901

**3/3,K/34 (Item 1 from file: 275)**

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2004 The Gale Group. All rts. reserv.

01637312 SUPPLIER NUMBER: 14659450 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**MESS on the road to Total Quality in the process industries. (includes related article on manufacturing execution system software facilitating the use of quality and productivity tools) (Tutorial)**

Hill, Bob

I&CS (Instrumentation & Control Systems), v66, n11, p61(5)

Nov, 1993

DOCUMENT TYPE: Tutorial ISSN: 0746-2395 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3605 LINE COUNT: 00300

... in 1975. After graduation he joined Monsanto, where he implemented automation projects for process control, **energy** management, data acquisition, **automated** inspection, and inventory control. Acting as an internal **consultant**, Hill also established standard implementation and documentation procedures for programmable control technologies used in Monsanto...

**3/3,K/35 (Item 1 from file: 399)**

DIALOG(R) File 399:CA SEARCH(R)

(c) 2004 American Chemical Society. All rts. reserv.

111069878 CA: 111(8)69878v JOURNAL  
**Micro Consultant: a FORTH-based expert system for quantitative microanalysis**

AUTHOR(S): Konopka, J. F.

LOCATION: Kevex Corp., Forster City, CA, 94404, USA

JOURNAL: Microbeam Anal. DATE: 1988 VOLUME: 23rd, PAGES: 338-40

CODEN: MBANDD ISSN: 0278-1727 LANGUAGE: English

**3/3,K/36 (Item 1 from file: 479)**

DIALOG(R) File 479:Gale Group Company Intelligence(R)

(c) 2004 The Gale Group. All rts. reserv.

01222123

**Belhsa Technology L.L.C.**

MAILING ADDRESS:

PO Box 1286

Dubai

United Arab Emirates/

E-MAIL: beltech@belhsa.ae

URL: http://www.belhsa.com

Search Report from Ginger R. DeMille

DESCRIPTION OF BUSINESS:

Services: Development and provision of hi-tech IT solutions for the engineering, construction and architectural industries, including systems control and data acquisition systems SCADA, ground power units for civil and military aircraft, horizontal directional drilling contracting, hydraulic research and consulting, automated locking systems, energy saving devices for large lighting systems, digital radar and audio recording systems, electronic purse technology and navigation aids systems

PRIMARY SIC:

7379 Computer Related Services, Not Elsewhere Classified

SECONDARY SIC:

3812 Search Navigation & Aeronautical Sys  
5063 Electrical Apparatus And Equipment  
7371 Computer Programming Services  
1731 Electrical Work  
8711 Engineering Services

PRIMARY NAICS:

541512 Computer Systems Design Services

SECONDARY NAICS:

238210 Electrical Contractors  
334511 Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing  
423610 Electrical Apparatus and Equipment, Wiring Supplies, and Related Equipment Merchant Wholesalers  
541330 Engineering Services  
541511 Custom Computer Programming Services

YEAR FOUNDED: 2001

SPECIAL FEATURE: International and Multinational Private company

REVISION DATE: 20040401

NUMBER OF CITATIONS: 00

DESCRIPTION OF BUSINESS:

... ground power units for civil and military aircraft, horizontal directional drilling contracting, hydraulic research and consulting, automated locking systems, energy saving devices for large lighting systems, digital radar and audio recording systems, electronic purse technology...

3/3,K/37 (Item 1 from file: 501)  
DIALOG(R) File 501:Extel Intl News Cards  
(c) 2002 Extel Financial Inc. All rts. reserv.

00465526

Publication Date: May 21, 1999

Clipsal Industries, Holdings Ltd  
Country: SINGAPORE (SGP)

Section Heading(s): Activities

ACTIVITIES

...The principal activities of CTSB are that of the supply of project

Search Report from Ginger R. DeMille

concepts, designs, products, **consulting**, commissioning and related services on home automation, **intelligent energy** and building management systems for the building industry.

**3/3,K/38 (Item 1 from file: 513)**  
DIALOG(R) File 513:Corporate Affiliations  
(c) 2004 LexisNexis Group. All rts. reserv.

1839374  
SunGard Energy Systems  
5508 W Highway 290 Ste 102  
Austin, TX 78735-8817

Telephone: (512) 358-7826

LNG Enterprise Number: 050925072

Business: Provider of Software & Strategic **Consulting for Energy Trading, Transaction Processing, Risk Management & Decision Support**

SIC Codes (Primary listed first):  
7389 Business Services, NEC  
4911 Electric Services

Business: Provider of Software & Strategic **Consulting for Energy Trading, Transaction Processing, Risk Management & Decision Support**

**3/3,K/39 (Item 2 from file: 513)**  
DIALOG(R) File 513:Corporate Affiliations  
(c) 2004 LexisNexis Group. All rts. reserv.

1839373  
SunGard Energy Systems  
825 Third Ave 27th Fl  
New York, NY 10022

Telephone: (212) 515-3600

LNG Enterprise Number: 050925082  
Former Company Name: Caminus Corporation

Business: Provider of Software & Strategic **Consulting for Energy Trading, Transaction Processing, Risk Management & Decision Support**

SIC Codes (Primary listed first):  
7389 Business Services, NEC  
4911 Electric Services

Business: Provider of Software & Strategic **1Consulting for Energy Trading, Transaction Processing, Risk Management & Decision Support**

Search Report from Ginger R. DeMille

**3/3,K/40 (Item 1 from file: 519)**  
DIALOG(R) File 519:D&B-Duns Finan.Records Plus(TM)  
(c) 2003 Dun & Bradstreet. All rts. reserv.

1382092  
**RETX INC**  
ATLANTA, GA 30346

DUNS NUMBER: 11-086-8481  
PRIMARY SIC: 8742 (Management consulting services)  
YEAR STARTED: 1999  
ANNUAL SALES (\$): 617,129

THIS IS:

A HEADQUARTERS LOCATION

**3/3,K/41 (Item 2 from file: 519)**  
DIALOG(R) File 519:D&B-Duns Finan.Records Plus(TM)  
(c) 2003 Dun & Bradstreet. All rts. reserv.

1203459  
**CAMINUS CORPORATION**  
NEW YORK, NY 10022

DUNS NUMBER: 09-453-8647  
PRIMARY SIC: 7372 (Prepackaged software)  
YEAR STARTED: 2003  
ANNUAL SALES (\$): NA

THIS IS:

A SUBSIDIARY  
A HEADQUARTERS LOCATION

**3/3,K/42 (Item 1 from file: 545)**  
DIALOG(R) File 545:Investext(R)  
(c) 2004 Thomson Financial Networks . All rts. reserv.

10742797  
**Henwood Energy Services, Inc.**  
CORPORATE TECHNOLOGY INFORMATION SERVICES, INC.  
Corporate Technology Information Services, Inc.  
MASSACHUSETTS (COMMONWEALTH OF)

DATE: June 16, 00  
INVESTEXT(tm) REPORT NUMBER: 4318098, PAGE 1 OF 2, TEXT/TABLE PAGE  
This is a(n) COMPANY report.

TEXT:

...CORPTECH SIC DESCRIPTION  
ENR-SV-A 8742 Energy asset acquisition support

Search Report from Ginger R. DeMille

ENR-SV-C 8742 **Energy** industry consulting services  
SOF- AI -EI 7372 **Energy** trading and risk management software

(C) Copyright 2000, Corporate Technology Information Services, Inc.  
(781) 932...

**3/3,K/43 (Item 2 from file: 545)**

DIALOG(R) File 545:Investext(R)  
(c) 2004 Thomson Financial Networks . All rts. reserv.

08304898

**International Automated Energy /Ceridian Corp BRIEF|**  
SECURITIES DATA COMPANY  
SDC's Merger & Acquisition Product Group  
NEW YORK (STATE OF)

DATE: June 6, 98

INVESTTEXT(tm) REPORT NUMBER: 3265443, PAGE 1 OF 1, TEXT PAGE  
This is a(n) COMPANY report.

TEXT:

...SIC Codes		SIC Codes	
	Ticker Symbol		Ticker Symbol
Status	Business Description		Business Description
Attitude	Financial Advisor (s)		Financial Advisor (s)
-----	-----	-----	-----
02/12/96	International Automated Energy	Ceridian Corp	
08/21/97	Systems Inc		
Completed	Florida	Minnesota	
Friendly	8741	/6141/6719	
	-	CEN...	

**3/3,K/44 (Item 1 from file: 624)**

DIALOG(R) File 624:McGraw-Hill Publications  
(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

01046645

**APX WINS MOUNTAIN WEST ISA JOB**

Power Markets Week September 27, 1999; Pg 11; Vol. 143, No. 5

Journal Code: PMW ISSN: 1078-9820

Section Heading: BRIEFS

Word Count: 199 \*Full text available in Formats 5, 7 and 9\*

COMPANY NAMES (DIALOG GENERATED): **Automated Power Exchange ; APX ; Bechtel Consulting ; Federal Energy Regulatory Commission**

**3/3,K/45 (Item 2 from file: 624)**

DIALOG(R) File 624:McGraw-Hill Publications  
(c) 2004 McGraw-Hill Co. Inc. All rts. reserv.

0107845

**Small firms take variety of paths: Finances and employee attitudes are major factors affecting automation**

Engineering News-Record January 26, 1989; Pg 30; Vol. 222, No. 4

Journal Code: ENR ISSN: 0013-807X

Search Report from Ginger R. DeMille

Section Heading: Feature

Word Count: 1,897 \*Full text available in Formats 5, 7 and 9\*

BYLINE:

Charmaine Harris-Stewart

TEXT:

...Francisco.

Client services range from structural and mechanical engineering to research, publications and even computer **consulting**. Recently, the firm developed an **expert system** program and an **energy** analysis report that help architects at the U.S. Dept. of Agriculture select design features...

**3/3,K/46 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03357455 Supplier Number: 46905634 (USE FORMAT 7 FOR FULLTEXT)

**BANYAN: Banyan extends StreetTalk for Windows NT with robust messaging capabilities**

M2 Presswire, pN/A  
Nov 20, 1996

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 914

... to perform timely maintenance and minimize downtime.

"We are extremely satisfied with the performance of **Intelligent Messaging** for Windows NT," said Ian Fraser, **consulting** engineer for **Energy** Australia. " **Intelligent Messaging** integrated with StreetTalk provides us with the ability to deploy Windows NT in our...

**3/3,K/47 (Item 1 from file: 640)**

DIALOG(R)File 640:San Francisco Chronicle  
(c) 2004 Chronicle Publ. Co. All rts. reserv.

05037943

**CORRECTION**

SAN FRANCISCO CHRONICLE (SF) - THURSDAY May 11, 1989  
Edition: FINAL Section: BUSINESS Page: C2  
Word Count: 40

TEXT:

...Northern California, the business of Emeryville-based TEM Associates was described incorrectly. The research and **consulting** firm specializes in **automated** data systems, **energy** technology and strategic planning and analysis.

**3/3,K/48 (Item 2 from file: 640)**

DIALOG(R)File 640:San Francisco Chronicle  
(c) 2004 Chronicle Publ. Co. All rts. reserv.

05037660

**4 AREA FIRMS ON "100' LIST**

SAN FRANCISCO CHRONICLE (SF) - WEDNESDAY May 10, 1989  
By: David Tuller, Chronicle Staff Writer

Search Report from Ginger R. DeMille

Edition: FINAL Section: BUSINESS Page: C5  
Word Count: 329

MEMO:

...Northern California, the business of Emeryville-based TEM Associates was described incorrectly. The research and **consulting** firm specializes in **automated** data systems, **energy** technology and strategic planning and analysis. (5/11/89, P. C2)

**3/3,K/49 (Item 1 from file: 709)**  
DIALOG(R)File 709:Richmond Times-Disp.  
(c) 2004 Richmond Newspapers Inc. All rts. reserv.

07769125

**SHINE ON HOMEOWNERS FIND MORE THAN ONE WAY TO CAPTURE SUN AGGRESSIVE**  
Richmond Times-Dispatch (VA) - SUNDAY September 25, 1994  
By: WENDY WAGNER Times-Dispatch Staff Writer  
Edition: City Section: Real Estate Page: K-1  
Word Count: 1,264

...efficiency.

Still, the energy systems are the crowning achievements.

Mr. Yago, who owns an engineering **consulting** firm, J.R. Yago & Associates, specializes in **energy** conservation and building **automated** systems for commercial and military clients.

He wanted a home that used alternative energy sources...

**3/3,K/50 (Item 1 from file: 995)**  
DIALOG(R)File 995:NewsRoom 2000  
(c) 2004 The Dialog Corporation. All rts. reserv.

0057511194 151M0AXT  
**IDS's GeoCommerce Appoints New CEO**  
BUSINESS WIRE  
Thursday, April 20, 2000  
JOURNAL CODE: ADZA LANGUAGE: ENGLISH RECORD TYPE: Fulltext  
DOCUMENT TYPE: Newswire  
WORD COUNT: 593

...COMPANY NAMES: AMOCO CANADA PETROLEUM CO; DOME PETROLEUM LTD; AMOCO CORP; IRVING CORP; IRVING GROUP INC; EUROSOL **ENERGY**; ENGINEERING AND **CONSULTING** BVBA; IDS **INTELLIGENT** DETECTION SYSTEMS INC

?

Search Report from Ginger R. DeMille

```
? show files;ds
File 15:ABI/Inform(R) 1971-2004/Apr 15
      (c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Apr 15
      (c) 2004 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2004/Apr 16
      (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
      (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Apr 16
      (c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Apr 16
      (c) 2004 The Gale Group
File 9:Business & Industry(R) Jul/1994-2004/Apr 15
      (c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Apr 16
      (c) 2004 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2004/Apr 16
      (c) 2004 Financial Times Ltd
File 610:Business Wire 1999-2004/Apr 16
      (c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Apr 16
      (c) 2004 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2004/Apr 15
      (c) 2004 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2004/Apr 16
      (c) 2004 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
      (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
      (c) 1999 PR Newswire Association Inc
File 13:BAMP 2004/Mar W4
      (c) 2004 The Gale Group
File 75:TGG Management Contents(R) 86-2004/Apr W1
      (c) 2004 The Gale Group
File 95:TEME-Technology & Management 1989-2004/Mar W4
      (c) 2004 FIZ TECHNIK
```

Set	Items	Description
S1	3645124	COLLECT?
S2	10674476	DATA
S3	2190006	USAGE OR CONSUMPTION
S4	167629	(RECOMMEND? OR SUGGEST?) (5N) (SYSTEM OR TECHNOLOGY OR EQUIPMENT OR DEVICE? OR UNIT? ? OR GENERATOR? ?)
S5	134200	(RECOMMEND? OR SUGGEST?) (5N) (PRODUCT? ? OR ENERGY)
S6	6910	S1(6N)S2(6N)S3
S7	220	(S4 OR S5) AND S6
S8	80	S7 AND INSTALL?
S9	56	RD (unique items)
S10	156	RD S7 (unique items)
S11	100	S10 NOT S9
S12	100	RD (unique items)
S13	156	S9 OR S10
S14	118	S13 NOT PY>2000
S15	118	RD (unique items)

? t15/3, k/all

15/3,K/1 (Item 1 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

Search Report from Ginger R. DeMille

02411039 117542701

**Following the crowd:social influence and technology usage**

Segrest, Sharon L; Domke-Damonte, Darla J; Miles, Angela K; Anthony, William P

Journal of Organizational Change Management v11n5 PP: 425 1998

ISSN: 0953-4814 JRNL CODE: ORC

WORD COUNT: 7511

...TEXT: 1994). One such context that is receiving increased attention is the role of distance education **technology** at universities. Lyman Porter (1996) **suggested** that distance education is one of the biggest challenges universities are facing and that new...

...the USA and abroad, as well as two distinct changes that the use of the **technology** **suggests** for academic instruction:

- (1)the spatial (and sometimes even temporal) separation of the student from...the relationship between perceptions that influential others believe DET is important and frequency of DET **usage** .

Methods

Sample and **data collection** . Data were **collected** through a survey questionnaire mailed during the fall semester 1996 to all full-time faculty  
...

15/3,K/2 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02394370 115727161

**Food consumption patterns in Romania**

Petrovici, Dan A; Ritson, Christopher

British Food Journal v102n4 PP: 290 2000

ISSN: 0007-070X JRNL CODE: BFJ

WORD COUNT: 7239

...TEXT: this country has the largest experience (almost 60 years) in Europe with regard to the **collection** of **data** on household **consumption** . It was also thought that the UK may be regarded as an illustrative case of...purchasing power of Romanians for animal products, particularly meat.

The breakdown of dietary intake by **products** **suggests** what may be called a typical "Romanian diet", which has been preserved despite the high... making healthy choices. For instance, the inclusion of information regarding the nutrient composition of food **products** as a per cent of **recommended** daily allowance.

It is not only the need for formulation of nutrition policies which is...

15/3,K/3 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02366404 117541214

**An overview of catalog design problems in resource discovery**

Goodchild, Andrew

Internet Research v6n1 PP: 33-43 1996

ISSN: 1066-2243 JRNL CODE: NTRS

Search Report from Ginger R. DeMille

WORD COUNT: 6586

...TEXT: and Gopher sites respectively. Experience with these tools has led to more efficient methods of **data collection** and **usage** of more sophisticated indexing methods.

Recently the focus has shifted to providing an underlying architecture... terms. Another technique is to have users expand queries by selecting additional terms from lists **suggested** by the **system**. However, Belkin and Croft (1992) noted that this technique was not effective. The reasons for these differences are not obvious, although it appears that using only **system suggestions** is too restrictive and does not make full use of the user's domain knowledge. Another way of...

**15/3,K/4 (Item 4 from file: 15)**  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02366382 115926447  
**Application of root cause analysis in a service delivery operational environment A framework for implementation**  
Dorsch, Jeffrey J.; Yasin, Mahmoud M.; Czuchry, Andrew J.  
International Journal of Service Industry Management v8n4 PP: 268-289  
1997  
ISSN: 0956-4233 JRNL CODE: SIM  
WORD COUNT: 8566

...TEXT: deficiencies at their most basic source or root. To facilitate these investigations, many organizations have **installed** and maintained RCA as a mode of inquiry (Boteler, 1993; Knox and Eichler, 1992; Wilson... the vacuuming equipment used by the cleaning personnel is inadequate for the types of carpet **installed** in the hotel. Not surprisingly, the investigation shows that the inadequate vacuuming equipment is being... availability and adequacy of follow-on information, overall satisfaction level, and any recommendations, comments or **suggestions** regarding the voicemail **system**.

- (2) Technical resolutions:  
Ensure that message indicators are provided for all employees, not just some...

...the previous stages of the RCA process. Before the plans were finalized, employee survey and **usage data** were **collected** and analysed (see Step 3). This feedback mechanism was a critical component in understanding the ...

**15/3,K/5 (Item 5 from file: 15)**  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02323647 86067576  
**A decision support system for container design in production systems**  
Santhanam Harit; G. Don Taylor; C. Ray Asfahl  
Integrated Manufacturing Systems v8n4 PP: 195-207 1997  
ISSN: 0957-6061 JRNL CODE: ING  
WORD COUNT: 6249

...TEXT: the contents;

- the method of handling;
- the cost;
- static versus dynamic requirements;
- the need for **product** protection.

Knill[16] makes additional **suggestions** for consideration:

- ergonomic issues;
- container sizing;
- empty storage methods;
- materials;
- standard versus custom container requirements...The user has the option of inputting more restrictive maximum and minimum sizes than those **suggested** by the expert **system** .

3A simulation writer module which generates compatible code in the SIMNET language from a set...environment of the container and about the parts to be used inside the container. The **data** entry module has been split to reflect a realistic **usage** requirement. Details **collected** through Option 1 (general constraints) are of a generic nature. One database can be used ...requirements of a product, and system simulation is used to evaluate the possible design alternatives **suggested** by the expert **system** .

One of the assumptions in this software design has been the use of one type  
...

15/3,K/6 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02271944 86926347  
**Life assessment study of a 400MW steam boiler at Ghazlan Power Plant**  
Syed S. Ahmad  
Journal of Quality in Maintenance Engineering v2n4 PP: 48-58 1996  
ISSN: 1355-2511 JRNL CODE: QMGR  
WORD COUNT: 2593

...TEXT: adopted in the USA, Europe and Japan, where currently more than 30 per cent of **installed** generating capacity is over 30 years old. This requires condition assessment of critical components, and...

... The testing did not reveal any metallurgical degradation. In 1989 new steam coil heaters were **installed** in the air duct section to replace the "worn-out" existing steam coil air heater... personnel. An on-line pre-inspection survey was conducted with the objective of familiarization and **data collection** , identification of critical components, and initial theoretical study of life **usage** based on processed operational data. This initial study generally indicated a remaining life capability in...and inspection programme has already been established by the Ghazlan Engineering. Most of the study **recommendations** for Unit -2 boiler have either been implemented or are in the process of implementation. The Ghazlan...

15/3,K/7 (Item 7 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

02271200 86923173

**Environmental performance indicators for integrated supply chains: the case of Xerox Ltd**

McIntyre, Kirstie; Smith, Hugh; Henham, Alex; Pretlove, John

Supply Chain Management v3n3 PP: 149 1998

ISSN: 1359-8546 JRNL CODE: SCMG

WORD COUNT: 4173

...TEXT: right products get to the right customers at the right time, and that they are **installed** to give a fault-free start-up. Environmental initiatives in the Xerox Integrated Supply Chain...decisions to be made about manufacturing and supply chain strategy at any point in a **product**'s life cycle. As **suggested** the environment is of increasing importance to the integrated supply chain and will form part...analysis for identifying and prioritising environmental impacts within a very large and complex organisation.

#### Energy consumption

Once all the **data** had been **collected**, the functional unit then had to be established. This is important so that the terms...

... printer. This "discounts" the environmental impact of acquiring the components, assembling the machine, delivering and **installing** it by five, as this "cost" is, in effect, spread over the five years of...

... of magnitude difference between the air emissions produced by an ICI chemical plant and the **install** function of the Xerox supply chain for example, but the comparability across functions is still...impacts; Figure 4; The Xerox environmental performance matrix; Table I; The sub-processes of the **install** of the Xerox Ltd integrated supply chain for one product scenario; Figure 5; Graph demonstrating...

15/3,K/8 (Item 8 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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02155145 71504158

**Per capita food supply trends: Progress toward dietary guidelines**

Putnam, Judy; Kantor, Linda Scott; Allshouse, Jane

FoodReview v23n3 PP: 2-14 Sep-Dec 2000

ISSN: 1056-327X JRNL CODE: FOO

WORD COUNT: 4753

...TEXT: added fats and sugars found at the tip of the Pyramid and falls short of **recommendations** for fruits and dairy **products**. And many consumers need to change the mix of foods in the meat, vegetable, and...

...2 nonconsecutive days.

Figure,

Numerous studies suggest that food intake surveys, like the CSFII, which **collect** food **consumption** **data** through recollections of foods eaten or

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food diaries over short periods, are subject to underreporting...

... are collected directly from producers and distributors using techniques that vary by commodity. Food supply **data** are not collected from individual consumers, which allows examination of food **consumption** changes independent of consumer survey data. If waste and other losses in the system are...

... sample diet of 2,200 calories in this article. This calorie level approximates the daily **Recommended Energy Allowance** (REA) of 2,247 calories for the United States, derived from a 1998 population...

**15/3,K/9 (Item 9 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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02089894 63966213

**Limits to value in electronic commerce-related IT investments**

Chircu, Alina M; Kauffman, Robert J  
Journal of Management Information Systems v17n2 PP: 59-80 Fall 2000  
ISSN: 0742-1222 JRNL CODE: JMI  
WORD COUNT: 9150

...TEXT: as capacity utilization, inventory turnover, quality, price, and innovation. This emphasis on process-driven value **suggests** to us that EC **technology** investments might be understood and evaluated from a similar perspective, and shows how one might...All these factors limit the benefits of EC technologies in the corporate travel industry.

**Case Data**

Overview. We **collected** rich descriptions of on-line reservation systems selection, implementation, and **usage** from three companies that have acquired different-but comparable-on-line reservation systems. The systems

...

**15/3,K/10 (Item 10 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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02077328 62619445

**Queens Boulevard pedestrian safety study**  
O Mara, Patrick J  
Institute of Transportation Engineers. ITE Journal v70n10 PP: 39-45 Oct 2000  
ISSN: 0162-8178 JRNL CODE: TE  
WORD COUNT: 5210

...TEXT: at all signalized intersections, travel speeds along the corridor were measured, three years of accident **data** were analyzed and curb **usage** observations were performed. The following is a summary of this **data - collection** effort.

**Pedestrian Volumes:** The peak-hour pedestrian-crossing volumes at the signalized intersections averaged 950...pedestrian.

**Curb Cuts and Ramps:** It is recommended that curb cuts and ramps should be **installed** on all corners and medians where they are currently missing and

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that all corner apex... are recommended so as not to obstruct motorist/pedestrian visibility. Decorative median planters are currently **installed** on Park Avenue in Manhattan.

Figure 5.

Neckdowns: Neckdowns were proposed at selected intersections along...

...volumes, street geometry, turning radius and drainage impacts.

Automated Enforcement: Two types of automated enforcement **devices** that are being **recommended** for Queens Boulevard include red-light cameras and the "Speed Watch" system. A red-light...

... that illegal crossings have been reduced by 27 percent after red-light camera systems were **installed** at 18 intersections in New York City. It was further noted that the program pays...

...for the study corridor. NYCDOT will review these locations in accordance with their criteria for **installing** red-light cameras.

The portable unit, referred to as "Speed Watch," consists of a portable...

... in accident rates will indicate the level of effectiveness of these improvements.

The goal of **installing** new pedestrian crossing locations would be to provide pedestrians with a safer, more direct crossing...

... effectiveness of these crossings is to observe the pedestrian crossing behaviors at Yellowstone Boulevard after **installing** the new signals. If more people use these new signalized crossings instead of crossing at... other New York City neighborhoods. Before the report was completed, NYCDOT had already started planning **installation** of some of the readily implementable improvements along the boulevard. Recently, one of the new mid-block pedestrian signals was **installed** at the intersection of 69th Avenue.

Figure 6.

References

1. Fruin, Jj. Pedestrian Planning and...

**15/3,K/11 (Item 11 from file: 15)**  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02051364 57306759  
**Automatic personalization based on Web usage mining**  
Mobsaher, Bamshad; Cooley, Robert; Srivastava, Jaideep  
Association for Computing Machinery. Communications of the ACM v43n8 PP:  
142-151 Aug 2000  
ISSN: 0001-0782 JRNL CODE: GACM  
WORD COUNT: 5953

...TEXT: users based on their current navigational activity. The personalized content can take the form of **recommended** links or **products**, targeted advertisements, or text and graphics tailored to the user's preferences. The Web server... From profiles to recommendations. The recommendation engine is the online component of a Web personalization

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**system** . The task of the **recommendation** engine is to compute a recommendation set for the current (active) user session, consisting of...

...structural information such as the link distances can be used to provide significance weighting for **recommendations** .

The WebPersonalizer **System**

The WebPersonalizer **system** uses the architecture shown in Figure 1 to provide a list of recommended hypertext links... of usage data preprocessing, usage knowledge extraction, and making recommendations based on the extracted knowledge.

**Data Preparation for Web Usage Mining**

When dealing with server-side **data collection** from a Web server log or packet-sniffer, the major difficulties in **usage** preprocessing are due to the incompleteness of the available data. the required high-level tasks... is dynamically updated to include the new recommendations. As seen in Figure 2, initially the **system** does not provide any **recommendations** until the user has navigated through more pages. Figure 3 shows the recommendations resulting after...

15/3,K/12 (Item 12 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

02031397 54785034  
**Can customers browse competitors on your site?**  
Strout, Erin  
Sales & Marketing Management v152n6 PP: 38 Jun 2000  
ISSN: 0163-7517 JRNL CODE: SAL  
WORD COUNT: 394

...TEXT: largely untested is how Amazon will use the incredible amount of data collected from the **technology** . In order to post **recommendations** , shoppers must register and provide their e-mail address, a password, and a user name. Alexa anonymously **collects** **data** on Web site **usage** and traffic patterns and can continue to do so for as long as the software is **installed** on a computer.

The bubble also tells users whether an item is available at Amazon...

15/3,K/13 (Item 13 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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02029567 54808146  
**Managing customer experiences**  
Felton, Jeff  
American Gas v82n5 PP: A12-A15 Jun 2000  
ISSN: 1043-0652 JRNL CODE: GAS  
WORD COUNT: 1911

...ABSTRACT: customer profiling and segmentation, and targeted sales. The real challenges for energy companies, however, are **data collection** and **data integrity**. The two most reliable sources of customer and **usage** **data** are still the customer and the meter. A major trend in **collecting** customer **data** is based on customers' willingness to share data about

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themselves and their usage habits on...

...TEXT: provide customized packages to attract and keep customers, energy companies need granular, or extremely detailed, **data** about their customers and their **usage** patterns that they have rarely attempted to **collect** before. While **collecting** such **data** can be cost- and resource-intensive-especially while trying to maintain current, accurate data stores...

... is willingly and knowingly shifting from the solicitor to the customer with the cost of **data collection** decreasing sharply as a result. (See "Collecting Data Online.")

Metering Results

For **usage data collection**, the Internet again underlies emerging technologies that may reduce costs and provide advanced data-gathering...

... usage for specific premises, new metering technologies are capable of much more targeted and granular **data collection**. Data can be analyzed for **usage** profiles, such as consistent or smooth **consumption** as opposed to "peaks" and "valleys." Further, meters can be **installed** on specific pieces of equipment in a home or business. For example, some utilities have

... its customers a 15 percent, across-the-board discount in exchange for the right to **install** a meter on the customer's air-conditioning system and deactivate it for no more...

...day, billing data continues to be lost.

One possible answer to relieve the costs of **installing** numerous meters is to make the consumer responsible for metering devices. If there were a...

... for the consumer to purchase multiple metering devices, such as increasing discounts for each meter **installed** on a major appliance, the utility might reduce its capital expenditure for new device deployment... gain information, perhaps via the Internet, about certain aspects of a consumer's home and **suggest energy** -efficiency strategies such as **installing** new windows or insulation or purchasing new, energy-efficient appliances.

Other innovative utilities offer pre...

... energy community, for example, those companies exchanging data could establish VPNs among themselves, either by **installing** specialized VPN servers and routers or by subscribing to any number of VPN services offered ...

15/3,K/14 (Item 14 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02029566 54808107

Integration gives utilities an edge

Mediate, Joe

American Gas v82n5 PP: A10-A11 Jun 2000

ISSN: 1043-0652 JRNL CODE: GAS

WORD COUNT: 2424

...TEXT: acknowledged and closed out instantaneously, and corporate

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databases updated. Work crews have the parts to **install** in the field, an asset record is created for the part, and the warehouse inventory...

... provide customized packages to attract and keep customers, energy companies need granular, or extremely detailed, **data** about their customers and their **usage** patterns that they have rarely attempted to **collect** before. While **collecting** such **data** can be cost- and resource-intensive-especially while trying to maintain current, accurate data stores...

... is willingly and knowingly shifting from the solicitor to the customer with the cost of **data collection** decreasing sharply as a result. (See "Collecting Data Online.")

Metering Results

For **usage data collection**, the Internet again underlies emerging technologies that may reduce costs and provide advanced data-gathering...

... usage for specific premises, new metering technologies are capable of much more targeted and granular **data collection**. **Data** can be analyzed for **usage** profiles, such as consistent or smooth **consumption** as opposed to "peaks" and "valleys." Further, meters can be **installed** on specific pieces of equipment in a home or business. For example, some utilities have

...

... its customers a 15 percent, across-the-board discount in exchange for the right to **install** a meter on the customer's air-conditioning system and deactivate it for no more...day, billing data continues to be lost.

One possible answer to relieve the costs of **installing** numerous meters is to make the consumer responsible for metering devices. If there were a...

... for the consumer to purchase multiple metering devices, such as increasing discounts for each meter **installed** on a major appliance, the utility might reduce its capital expenditure for new device deployment...

... gain information, perhaps via the Internet, about certain aspects of a consumer's home and **suggest energy** -efficiency strategies such as **installing** new windows or insulation or purchasing new, energy-efficient appliances.

Other innovative utilities offer pre...energy community, for example, those companies exchanging data could establish VPNs among themselves, either by **installing** specialized VPN servers and routers or by subscribing to any number of VPN services offered...

15/3,K/15 (Item 15 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01998055 51074038  
**Getting to know you**  
Whiting, Rick  
Informationweek n777 PP: 46-58 Mar 13, 2000  
ISSN: 8750-6874 JRNL CODE: IWK  
WORD COUNT: 3429

...TEXT: to identify who our users are on a repetitive basis," he says. The bookseller is **installing** Net Perception Inc.'s **Recommendation Engine**,

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which **suggests products** to online customers based on the Web content they view, says operations director Brent Tuttle... the company uses Oracle's iStore software running on an Oracle8i database. Specialized Bicycle is **installing** Personify Inc.'s Personify Essentials software with the goal of pulling data from the Web...

...are the repeat browser and repeat buyer ratios, and so on."

The Seattle company is **installing** Quadstone Inc.'s CustomerConversion software, which integrates clickstream, transaction, and demographic data for data mining...It's the kind of stuff that marketers have always dreamed of."

UNDERSTANDING: 3Com is **collecting data** to study customers' **usage** patterns, VP Bose says.

THE UPSHOT

Internet-commerce companies are beginning to understand that for...

**15/3,K/16 (Item 16 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01973298 47778898

**Case deployment in IS organizations**

Sharma, Srinarayan; Rai, Arun  
Association for Computing Machinery. Communications of the ACM v43n1 PP:  
80-88 Jan 2000  
ISSN: 0001-0782 JRNL CODE: GACM  
WORD COUNT: 3626

...TEXT: development tools with an innovative set of measures for implementation.

COMPUTER-AIDED SOFTWARE ENGINEERING (CASE) **TECHNOLOGY IS SUGGESTED AS A POSSIBLE** means to increase the productivity and quality of systems development [4, 6...

...in the systems development' process and its constituent subprocesses.

We conducted a national survey to **collect** the empirical **data** for our study. Using our CASE **usage** assessment framework, we compute two measures, adoption and infusion, to describe CASE spread in IS...address this issue by developing a framework and a set of measures to gauge CASE **usage** in IS organizations. We use this approach to **collect data** from a random sample of IS organizations and to assess the nature and degree of ...

**15/3,K/17 (Item 17 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)  
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01954312 46063997

**Rediscovering satisfaction**

Fournier, Susan; Mick, David Glen  
Journal of Marketing v63n4 PP: 5-23 Oct 1999  
ISSN: 0022-2429 JRNL CODE: JMK  
WORD COUNT: 19019

...TEXT: 1988). Desires based on features and benefits that are considered ideal or aspirational in the **product** domain have also been **recommended** (Westbrook and Reilly 1983). Other models use equity expectations based on what the consumer believes... focus on products sold through electronics outlets resulted from the background interviews noted previously, which **suggested** that mechanical, computerized, and electronic **products** embody the essence of the technological (see footnote 2). Informants were interviewed in their homes...norms model did not reflect the CL standard, however. Consider Case E. As Liz's **product** metaphor **suggests** (the dishwasher is "better than a daughter") and as the emergency bathtub solution reveals, Liz... as she begrudgingly acquiesces to an inferior ownership condition. Pervasiveness of the resignation mode is **suggested** in the speed of technological **product** evolution (Dhebar 1996), which leaves many consumers with older-generation products that either cannot or ... Bob places his answering machine in his private bedroom to control others' access to it), **suggest** that **product** meanings are highly varied but quintessential factors in consumer satisfaction.

Toward a New Satisfaction Paradigm... that was quite removed from the ambivalent feelings that framed her ingoing, but soon-dissipated, **product** expectations. The data **suggest** that Kris achieved her satisfaction, in part, by coping with the paradoxes that were elemental...and Rayport 1997). In particular, our inquiry uncovered substantial lability in consumers' experiences with technological **products**. This **suggests** that companies seeking satisfaction feedback about their innovations should strive to place early-stage prototypes in the homes and work sites of target consumers as soon as possible, with **data** then **collected** on an open-ended basis during prolonged **usage**. Beta testing works similarly in obtaining reactions to prototypes from employees using the product. However ... contentious indeed. Our research suggests that recognizing varied modes of satisfaction, the nuanced role of **product** meanings, and **suggested** linkages among life satisfaction, life goals, and product satisfaction may help clarify these distinctions. Differentiating...

15/3, K/18 (Item 18 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01916554 05-67546  
**Customer satisfaction in the Hong Kong mobile phone industry**  
Woo, Ka-Shing; Fock, Henry K Y  
Service Industries Journal v19n3 PP: 162-174 Jul 1999  
ISSN: 0264-2069 JRNL CODE: SIJ  
WORD COUNT: 4445

...TEXT: be on a particular feature of product/service, but not on the totality of the **product** /service offering. This **suggests** that some of the **product** /service attributes represent the core of the offering equivalent to the hygiene factor in the...

... a comparison of expectation with actual performance perception [Oliver, 1980]; the perceived performance model which **suggests** customer satisfaction with tangible **products** to be affected by the actual performance only [Churchill and Suprenant, 1982]; ...services.

The timing of measuring expectations also poses difficulties. If expectations are measured prior to **consumption** or experience, it may create a lot of practical problems in **data collection**. For instance,

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customers may not be willing to participate in the survey twice. On the... The most common approach is to reinforce messages constantly through media about network improvement and **installation** of transmission stations. In the long term, the most effective way to improve corporate image...

15/3,K/19 (Item 19 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01738527 03-89517

**The information requirements of total quality management**

Matta, Khalil; Chen, Houn-Gee; Tama, Joseph  
Total Quality Management v9n6 PP: 445-461 Aug 1998  
ISSN: 0954-4127 JRNL CODE: TOQ  
WORD COUNT: 4418

...ABSTRACT: a blueprint of TQM information requirements using data flow diagramming is presented, and changes are **suggested** that occur in **system** usage within the three main organizational functions: planning organizational activities, making products and the selling...

...TEXT: second section, we present a blueprint of TQM information requirements using data flow diagramming and **suggest** changes that occur in **system** usage within the three main organizational functions: planning organizational activities, making products and the selling...requires analysis of data on product, components, customers and raw materials. Xerox deploys an automated **installation** quality and reliability reporting system to collect data on products from all field **installations**. These data are ...these same entities in a traditional organizational setting, it is the magnitude and scope of **data collection** and their **usage** that change.

Under TQM, **data collection** and analysis is broadened to include planning, operations, product and quality assessments. Continuous analysis of... must be evaluated relative to customer requirements and satisfaction indicators. Benchmarking data are compared to **system** performance and **suggestions** for improvement are considered in light of system capability.

(Table Omitted)

Captioned as: Table 2...

15/3,K/20 (Item 20 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01698984 03-49974

**The potential and limitations of self-targeted food subsidies**

Alderman, Harold; Lindert, Kathy  
World Bank Research Observer v13n2 PP: 213-229 Aug 1998  
ISSN: 0257-3032 JRNL CODE: WBA  
WORD COUNT: 5909

...TEXT: other targeting mechanisms. The choice of which commodities to subsidize is generally based on survey **data** on household behavior (**consumption** patterns), which is less costly to **collect** than assessments of individual income or income proxies, both of which are subject to substantial...distribution pattern would not be expected using income elasticities generated from an almost ideal demand **system**. A

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common rule of thumb **suggests** that if a commodity has an income elasticity of zero, the share of a subsidy...

15/3,K/21 (Item 21 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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01680928 03-31918

**A model of product discourse: Linking consumer practice to cultural texts**  
Hirschman, Elizabeth C; Scott, Linda; Wells, William B  
Journal of Advertising v27n1 PP: 33-50 Spring 1998  
ISSN: 0091-3367 JRNL CODE: JOA  
WORD COUNT: 10899

...TEXT: of meaning creation by identifying the influence of historical habits, events, and imagery on contemporary **product** discourse. We **suggest** ways of incorporating our model into current advertising research methods.

Theory of Text and Practice...

... is also a blueprint for appropriate behavior that constrains what is possible to say or **suggest** about future use of the **product**. In turn, the practices themselves have formed over time in response to historical events, which... using texts collected from the current discourse about a single product.

The Exemplar and the Data

We demonstrate our approach with a **collection** of texts representing the **consumption** of coffee because (1) coffee is a widely consumed beverage that constitutes a huge market...

... use a single product for our demonstration to simplify explication of the model.

We use **data** from three sources. First, we **collected** a large sample of contemporary prime time television program clips showing coffee **consumption**. Second, we **collected** a sample of the television advertisements for the top four brands of coffee that ran...allowed the coffee to stay warm for long periods of time. Our 1990s television sample **suggests** that automatic drip **technology** has removed much of the mystique of making coffee and rendered its preparation a rather...cultural limitations on what will be accepted as a reasonable representation of consumer practice or **suggestions** for **product** use. It could help avoid misinterpretation by consumers, as well as the costly mistake of...

15/3,K/22 (Item 22 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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01628553 02-79542

**Utilization and applications of business computing systems in corporate real estate**

Johnson, Linda Ellis; Redman, Arnold L; Tanner, John R  
Journal of Real Estate Research v13n2 PP: 211-230 1997  
ISSN: 0896-5803 JRNL CODE: JRR  
WORD COUNT: 7013

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...TEXT: corporate real estate executives. A survey was undertaken to examine four issues: types of property **data collected**, MIS report generation, hardware/software **usage**, and decision models and experts employed. NACORE members were surveyed and reported extensive usage of... Exhibit 3

Exhibits 4 through 14 show the response frequencies related to the questions on **data collection**, MIS report generation, computer hardware/software **usage**, decision models, and experts utilized.

**Data Collection** by Firms

As discussed by Nourse (1990), part of the management function in real estate...

... see, e.g., Nourse, 1990; Richard, 1987) point out the advantages of a management information **system** and **suggest** items that should be maintained on the legal, financial and other characteristics of properties held...

... properties. As a start, we note that managers begin by following the above-mentioned textbook **recommendations** to have a record-keeping **system**

Next, the managers were asked about the specific kinds of information they maintain on leased...

15/3,K/23 (Item 23 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01621501 02-72490

**The product life cycle: A tool for functional strategic alignment**  
Birou, Laura M; Fawcett, Stanley E; Magnan, Gregory M  
International Journal of Purchasing & Materials Management v34n2 PP:  
37-51 Spring 1998  
ISSN: 1055-6001 JRNL CODE: JPR  
WORD COUNT: 6147

...TEXT: repair service markets (for the same products) and develop a slightly different PLC model. They **suggest** that **product** design, manufacturing, and sales and marketing approaches should vary depending on results of the game...

...developing a better planning framework.

(Table Omitted)

Captioned as: SUMMARY OF PLC FUNCTIONAL RESEARCH

To **collect** **data** regarding PLC concept **usage** and the appropriateness of a variety of practices and techniques across three different functional areas...stage. For instance, the operations activities placed in the design stage mostly relate to either **product** or process development and **suggest** that operations managers view concurrent or simultaneous product and process development as important to competitiveness...

15/3,K/24 (Item 24 from file: 15)

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DIALOG(R) File 15:ABI/Inform(R)  
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01539497 01-90485

**Measuring consumption: The post-1973 slowdown and the research issues**

Triplett, Jack E

Federal Reserve Bank of St. Louis Review v79n3 PP: 9-42 May/Jun 1997

ISSN: 0014-9187 JRNLD CODE: FSL

WORD COUNT: 18228

...TEXT: PCE is too low (because PCE is somehow missing substantial amounts of consumer expenditure), directly collected consumer expenditure data do not show it. For most categories of consumption, PCE national levels are above national totals from the CE and also above estimates of...this. Are recent PCE growth rates too slow (thus accounting for the measured per capita consumption slowdown)? Directly collected consumption data do not show it. If anything, CE data suggest that the PCE may have grown too rapidly. Moreover, cases such as vehicles, where...obsolescent goods should decline relative to advanced ones, existing price index literature for high-tech products suggests that the older products often become more expensive.

A third source of bias is the welfare gain at the...whatever it was, relative to pre-1973. Additionally, a new CPI sample rotation methodology was installed (a new probability sample of items and outlets was drawn every three years, later stretched...).

15/3,K/25 (Item 25 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)  
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01496648 01-47636

**A quasi experiment to assess the consumer and informational determinants of nutrition information processing activities: The case of the Nutrition Labelling and Education Act**

Moorman, Christine

Journal of Public Policy & Marketing v15n1 PP: 28-44 Spring 1996

ISSN: 0743-9156 JRNLD CODE: JMP

WORD COUNT: 11163

...TEXT: Stanley 1963; Cook and Campbell 1979). selected this approach for several reasons: First, because the data collection occurred in October of each year, it reduced confounds (e.g., food consumption patterns and store promotion activity) that might have been introduced if the data collection occurred in different times of the year. Second, by collecting data eight months prior to...post-NLEA but not in the preNLEA period. The gains, however, were large for unhealthy products, which suggests two important implications: First, there is likely to be a public health benefit associated with...

15/3,K/26 (Item 26 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)  
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01483857 01-34845

**Top 25 global marketing/ad/opinion research firms profiled**

Anonymous

Marketing News v31n17 PP: H2-H18 Aug 18, 1997

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ISSN: 0025-3790 JRNL CODE: MNW  
WORD COUNT: 11256

...TEXT: prestige cosmetics and fragrances, restaurants (CREST service), food service (IFMATRAC service), and in-home food **consumption** (NET service). A variety of **data collection** methodologies are used in combination to produce these databases. In '96 NPD established SalesTrac Service... goods marketers. BASES estimates sales potential of new products and new marketing programs for existing **products**. The service also **recommends** enhancements to **product** positioning and/or marketing support. Capabilities range from early concept screening through in-market analysis...

15/3,K/27 (Item 27 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01429747 00-80734  
**Top 50 U.S. marketing/ad/opinion research firms profiled**  
Anonymous  
Marketing News v31n12 PP: H2-H7+ Jun 9, 1997  
ISSN: 0025-3790 JRNL CODE: MNW  
WORD COUNT: 15771

...TEXT: prestige cosmetics and fragrances, restaurants (CREST service), food service (IFMATRAC service), and in-home food **consumption** (NET service). A variety of **data collection** methodologies are used in combination to produce these data bases. In 1996 NPD established SalesTrac ...goods marketers. BASES estimates sales potential of new products and new marketing programs for existing **products**. The service also **recommends** enhancements to **product** positioning and/or marketing support. Capabilities range from early concept screening through in-market analysis ...and false and misleading advertising.

During 1997, GRC will significantly increase its international capabilities and **install** a new state-of-the-art computer system that will enhance its ability to communicate...

15/3,K/28 (Item 28 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01362814 00-13801  
**Getting a grip on energy costs**  
Wood, Elisa  
Journal of Business Strategy v18n1 PP: 28-33 Jan/Feb 1997  
ISSN: 0275-6668 JRNL CODE: JST  
WORD COUNT: 2173

...TEXT: them the ability to analyze alternative rates. One of SEI's first tasks is to **install** advanced metering systems that analyze the electric usage patterns at each of Federated's stores...might agree to a higher kilowatt-hour charge in return for the supplier burying and **installing** the wires.

More Than Replacing Light Bulbs

Competition is coming at the same time as an explosion in new communication

Search Report from Ginger R. DeMille

technologies related to energy efficiency, **data collection**, and load monitoring. Some large users can now monitor their **usage** in real-time through Internet-based services or electronic messages sent by utilities. A manufacturing...

... look at a supplier's financial stability before signing on the dotted line. They also **recommend** that **energy** managers study the company's corporate relationships. Some customers are contracting with unregulated affiliates of...

**15/3,K/29 (Item 29 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01154595 98-03990

**Limited financial resources constrain food choices**

Lutz, Steven M; Smallwood, David M; Blaylock, James R

FoodReview v18n1 PP: 13-17 Jan-Apr 1995

ISSN: 0164-3428 JRNL CODE: FOO

WORD COUNT: 2333

...TEXT: did the population as a whole, but they paid about 10 percent less for the **products**. These results **suggest** not only that lower income households may prefer red meats more than do most households...

...and Bakery Products

The survey data on consumption and expenditures on flours, cereals, and bakery **products** again **suggest** that low-income households tend to prepare meals from scratch. Low-income households used about **products**. This **suggests** that low-income households tend to use far less of the higher priced bakery products...

...SB-870. U.S. Dept. Agr., Econ. Res. Serv., Nov. 1993.  
USDA's Nationwide Food **Consumption** Survey

The results presented in this article are based on **data collected** in the 1987-88 Nationwide Food **Consumption** Survey (NFCS) conducted by the former Human Nutrition Information Service (HNIS), now a part of...home than at home. Therefore, it is difficult to measure actual food consumption using only **data** on foods eaten at home.

Also, since **consumption** **data** are not **collected** in the same manner as for traditional agricultural commodities, one cannot extrapolate these conclusions to...

**15/3,K/30 (Item 30 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01142197 97-91591

**Advertising strategies to increase usage frequency**

Wansink, Brian; Ray, Michael L

Journal of Marketing v60n1 PP: 31-46 Jan 1996

ISSN: 0022-2429 JRNL CODE: JMK

WORD COUNT: 11736

...TEXT: is that situation comparison ads generate more usage than product comparison ads. Further research in **usage** behavior will add to our

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understanding of **usage** and to better methodologies for **collecting** this **data** .

Although we make no predictions about how the advertisements influence a person's total usage... a mature brand to use it in a new situation. Theoretical literature and our results **suggest** that in comparison to **product** comparison ads, situation comparison ads are superior in generating favorable attitudes and higher levels of...have successfully used targeted mass media vehicles effectively: Arm and Hammer, for example, advertises different **installments** of its "101 Uses" campaign in women's magazines. In contrast, smaller share brands affordably...Brand Extension Evaluation," Journal of Marketing Research, 28 (February), 16-28. Cassidy, Claire Monod (1981), " **Collecting Data** on American Food **Consumption** Patterns: An Anthropological Perspective," in Assessing Changing Food **Consumption** Patterns, Food and Nutrition Board National Research Council, ed. Washington, DC: National Academy Press, 135...

15/3,K/31 (Item 31 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)  
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01133296 97-82690

**The effect of food stamp cashout on food expenditures: An assessment of the findings from four demonstrations**

Fraker, Thomas M; Martini, Alberto P; Ohls, James C  
Journal of Human Resources v30n4 PP: 633-649 Fall 1995  
ISSN: 0022-166X JRNL CODE: JHR  
WORD COUNT: 6922

...TEXT: the form of checks rather than the traditional coupons.

These demonstrations provided the opportunity to **collect** and analyze **data** on the food **consumption** behavior of food stamp recipients in the presence of actual cash food assistance benefits. FCS...from that based on the simple difference in mean values.

6. Age- and sex-specific **recommended** dietary allowances for food **energy** (National Research Council. 1989) were used to compute household size in adult male equivalent persons...

15/3,K/32 (Item 32 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)  
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01116153 97-65547

**Simulation of a hospital's theatre suite**

McAleer, W E; Turner, J A; Lismore, D; Naqvi, I A  
Journal of Management in Medicine v9n5 PP: 14-26 1995  
ISSN: 0268-9235 JRNL CODE: MIM  
WORD COUNT: 4668

...TEXT: simulation in hospitals is that it enables the medical, administrative and nursing staff to understand **suggested** changes to the **system** being modelled more easily. This proved to be the case in this study also.

Visual...to no spaces and no staff;

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\* cumulative utilization factor for the theatre on screen.

The **data collected** in the November exercise represent a sample of the normal **usage** of the theatre suite and one would expect other months to give different results. In...

15/3,K/33 (Item 33 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01081071 97-30465  
**Detecting leaks to reduce energy costs**  
Valenti, Michael  
Mechanical Engineering v117n7 PP: 98-100 Jul 1995  
ISSN: 0025-6501 JRNLD CODE: MEG  
WORD COUNT: 1596

...ABSTRACT: and data loggers, both of which are usually in place in manufacturing plants or easily **installed** if not.

...TEXT: Cleveland-based CEC Consultants Inc. These algorithms make use of readily available--and often already **installed** --instruments, such as vortex shedding meters, chart recorders, and data loggers, to compare how much...

... and data loggers, both of which are usually in place in manufacturing plants or easily **installed** if not.

The sensors used in the CEC data analysis techniques include orifice plates and...

... compressed air systems, and transit time (Doppler) meters to monitor water systems. Orifice plates are **installed** in-line, and as fluid flows through the openings, the sensor measures its pressure drop, which is proportional to flow, over a specified range.

Vortex shedding meters, which are also **installed** inline, create vortices as fluid passes over them and measure vortex frequency, which is also...000 per month to less than \$2000 by eliminating the coal-fired central powerhouse and **installing** localized natural-gas red units.

The nonproduction load concept also applies to condensate systems year...

... it is for air or steam/condensate because of the lack of water data collection **devices** inside the manufacturing plant. CEC **recommends** that its clients **install** domestic water-metering systems that will **collect consumption data** at key points in the plant.

At the Ford Motor Co. plant in Indianapolis, which...

...management wanted to reduce the water consumed by part washing, plating, and cooling towers.

CEC **installed** Marsh-McBirney Inc. Flow Totes in each of the plant's 22 key sewer manholes...

15/3,K/34 (Item 34 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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Search Report from Ginger R. DeMille

01021624 96-71017

**Early expert systems: Where are they now?**

Gill, T Grandon

MIS Quarterly v19n1 PP: 51-81 Mar 1995

ISSN: 0276-7783 JRNL CODE: MIS

WORD COUNT: 10796

...TEXT: expert systems have fared. The travails of AI vendors, who are important suppliers of expert **system** tools, **suggest** that demand for ES **technology** is not exactly thriving. Some of the most influential hardware and tool companies (e.g...only Parts 1, 2, and selected sections of Part 3 (status, performance, and descriptions) were **collected**. These represented incomplete and unused systems where the gathering of **usage data** (Parts 4-6) was deemed inappropriate by the investigator.

\* Five systems for which only partial status **data** (Part 2) and descriptions could be **collected**. These represented the refusals in the sample.

\* One system for which performance and **usage data** were **collected**, but for which status **data** (Part 2) could not be determined.

\* Sixteen systems that could not be located and whose...

**15/3,K/35 (Item 35 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01012616 96-62009

**Global transportation: Technology 2000 - Alphabet soup**

Bowman, Robert J

World Trade v8n3 PP: 44-50 Apr 1995

ISSN: 1054-8637 JRNL CODE: WLD

WORD COUNT: 1544

...TEXT: not to get in the middle of an AMS link, the airport is pursuing electronic **technology** on other fronts.

Rystrom **suggests** that forwarder reluctance has stalled development of some electronic systems, especially those at ports and...to link up with FAA as part of a noise-monitoring program, and Deweerd says **data collected** from that effort theoretically could be used for assessing **usage fees** as well. Information gathered by Air, Inc. is more detailed and complete, Deweerd says...

... on high-tech solutions for more than communications. At Seattle-Tacoma International Airport, a recently **installed** computerized lighting system allows planes to land in dense fog, with no more than 300...

**15/3,K/36 (Item 36 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00987505 96-36898

**Accounting information system issues of FMS**

Sriram, Ram S

Integrated Manufacturing Systems v6n1 PP: 35-40 1995

ISSN: 0957-6061 JRNL CODE: ING

Search Report from Ginger R. DeMille

WORD COUNT: 3717

...TEXT: scheduling sequence. Therefore minimal manual handling of materials and jobs is required. Also, the computer **collects data** on items such as process time, number of units produced and inventory **usage**, that is useful for planning, scheduling, and monitoring production. The programmable nature of FMS enhances... on machine hours. The central computer would automatically collect information on processing times for each **product** and job. Dhavale[3] **recommends** a transformation cost that includes the following five cost elements as the most desirable from... scrap, rework, etc.

COST AND SAVINGS

Initial cost of operating equipment, computer hardware and software  
**Installation cost**

Cost of pre-planning, changes in support system

Increase in depreciation

Savings in direct...

**15/3,K/37 (Item 37 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00971539 96-20932  
**The consumer's energy analysis environment**  
Kempton, Willett; Layne, Linda L  
Energy Policy v22n10 PP: 857-866 Oct 1994  
ISSN: 0301-4215 JRNL CODE: ENP

ABSTRACT: The method residential energy consumers use measure and analyze their own energy **consumption** and energy costs is discussed. Using in-depth interviews, more extensive **data collection** and analysis by residential energy consumers is found than has been previously documented in the...

... energy conservation. A more efficient allocation of data collection and analysis between the consumer and **energy** utility is **suggested** .

**15/3,K/38 (Item 38 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00959844 96-09237  
**Visually representing consumer perceptions: Issues and managerial insights**  
Ghose, Sanjoy  
European Journal of Marketing v28n10 PP: 5-18 1994  
ISSN: 0309-0566 JRNL CODE: EJM  
WORD COUNT: 4957

...TEXT: visual representation for a given marketing scenario (i.e. a combination of managerial task and **product** type). Our **recommendations** on this point are summarized in Step 5 of the Appendix.

These recommendations, when implemented...

... collection decision and process more efficient--since money and time will not be wasted in **collecting** an inappropriate kind of **data** for a given market scenario. **Usage** of the right data with the recommended kind of visual representation (see Step 5 of...).

15/3, K/39 (Item 39 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00900115 95-49507  
**No doubt about IT**  
LaPlante, Alice  
Computerworld v28n33 PP: 79-86 Aug 15, 1994  
ISSN: 0010-4841 JRNL CODE: COW  
WORD COUNT: 4204

...TEXT: Belcher says.

#### MEASURING INVESTMENT PAYBACKS

Conoco's EIS evaluation process included five major steps

1. **Collect** statistical **data** on **usage** of the executive information system.
2. Identify and interview key users in each department.
- 3...

... the application in question, as well as the risks involved. The application can either be **installed** or proposed; the methodology will demonstrate the value either way.

In this particular case, information...

...financial systems. But beyond that, he was stumped.

Abell debated whether to build his own **system** or go outside. When Oracle **suggested** the CB-90 methodology to determine how much value the software would provide, Abell thought...

...feature-by-feature the tangible and intangible benefits they expected if such a product were **installed**. These benefits were to be stated in business, not technical, terms.

A tangible benefit of...

... the team had thought of 3 tangible benefits, five intangible benefits and six risks for **installing** the Oracle system, Abell says. Tangible benefits included reduced head count and reducing the accounts...IS group.

2. The IS group reviewed the options of enhancing the old system or **installing** a new Oracle system and the impact of each on business processes.

4. A team...

...5. The team identified 13 tangible benefits, 5 intangible benefits and 6

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risk factors for **installing** the new system. The team found the expected benefits were satisfactory and the risks acceptable...

**15/3,K/40 (Item 40 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00892724 95-42116

**Serving your customers' corporate culture: A sustainable market advantage for computerized manufacturing equipment vendors**  
Kitchell, Susan; Mayer, Charles S  
Journal of Business & Industrial Marketing v9n2 PP: 5-15 1994  
ISSN: 0885-8624 JRNL CODE: JBI  
WORD COUNT: 5261

...TEXT: that there is an innovative corporate culture which characterizes companies that have adopted computerized manufacturing **equipment** ; and

\* **recommend** an action plan to utilize the corporate culture concept for market gains.

WHAT IS CORPORATE...

... in an active search for international markets and many of them have global operations. Computer **technology** , they **suggest** , adds to their international competitiveness in three major ways. First, it enhances their ability to... from trade journals, vendors' customer lists and from academics engaged in research on CAD/CAM **usage** . **Data** were **collected** by three methods: in-depth personal interviews with corporate CEOs and their plant managers or...

**15/3,K/41 (Item 41 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00879736 95-29128

**An investigation of the pace and determination of information technology use in the manufacturing materials logistics system**  
Dawe, Richard L  
Journal of Business Logistics v15n1 PP: 229-259 1994  
ISSN: 0735-3766 JRNL CODE: JBL  
WORD COUNT: 5022

...TEXT: superior level of logistics management competency, called "leading edge" logistics, had a greater number of **installed** information technologies than companies with average logistics management competency, called "norm" logistics, across all three...rate of 24% by quantity and 18% by technical rating. The planned use in the **data** processing and **data collection** /storage categories was significantly higher (by technical rating) than current **usage** as was total planned usage by both technical rating and number.

The current information technology...were as follows:

(Table omitted)  
There still exists a wide gap between the planned information **technology** use of 18% and this **recommended** use of 49%, and this does not even consider new technologies such as memory cells...

15/3,K/42 (Item 42 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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00875744 95-25136

**A study of unaccounted-for gas at the Southern California Gas Company**

Meshkati, Shahed G; Groot, John M

Gas Energy Review v22n5 PP: 8-19 May 1994

ISSN: 8756-5471 JRNL CODE: GER

WORD COUNT: 9004

...TEXT: accuracy of the model, the accounting UAF study made use of the electronic data loggers **installed** to collect data for the measurement study. These data loggers were distributed throughout the service...

... can result from several activities that are considered company-use: abandonment of pipe, new pipe **installation**, turbine meter spin testing, field meter tests and blowdowns after hydrostatic strength testing of transmission...Small Meter FFT -- At each of the 67 randomly-selected meter sites, data loggers were **installed** to capture temperature and volume data. Local ambient temperature data was also collected from SoCalGas... standards established by the industry (ANSI 2530). All of SoCalGas' orifice meters are constructed and **installed** according to industry standards. There are biases, however, in these standards which impact the meter...

... the last several years indicates that significant orifice measurement inaccuracies may exist even on meter **installations** complying with all current standards. These inaccuracies result from the incorrect prediction, by correlations used...

...factor used in determining orifice meter flow. Industry research studies show that current construction and **installation** requirement stated in ANSI 2530 can result in misprediction of C sub d and significant metering inaccuracies in some orifice meter **installation** configurations. Among the key **installation** factors are flow conditioner distance and ...SoCalGas measurement shop and from manufacturer data in each major turbine meter category. This error **data** was applied to the actual 1991 **consumption data** **collected** electronically from a selected sample of SoCalGas turbine meters.

The investigation into turbine meter characteristics... 200 Mcf for residential theft and 320,300 Mcf for non-residential theft for a **system** total of 644,500 Mcf.

#### RECOMMENDATIONS

##### ACCOUNTING

SoCalGas should use a multi-year average of the UAF volume, derived from its...

15/3,K/43 (Item 43 from file: 15)

DIALOG(R) File 15:ABI/Inform(R)

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00859166 95-08558

**Management wares draw ire of users**

McConnell, John

Network World v11n19 PP: 1, 46+ May 9, 1994

Search Report from Ginger R. DeMille

ISSN: 0887-7661 JRNLD CODE: NWW  
WORD COUNT: 3584

...TEXT: handle oversight of the network.

The relatively small base of managed elements among survey participants suggests that users are implementing their products to control individual local-area or campus nets. It seems as though users are waiting ... elements throughout the managed environment. By decentralizing processing to the hubs, users will gain improved data collection and analysis, and a reduction in bandwidth consumption. Local processing will eventually introduce applications that will act locally to correct problems.

Today, 3Com... argue that each customer's net management environment is different and subject to a customized installation. But the concerns are the same, across SNMP managers, hub managers and systems management tools  
...

15/3,K/44 (Item 44 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00858882 95-08274  
Door drops set to come of age  
Gofton, Ken  
Marketing PP: 10 Mar 31, 1994  
ISSN: 0025-3650 JRNLD CODE: MAR  
WORD COUNT: 497

...TEXT: 70% of consumers rate free samples highly as a way of finding out about new products .

Recommendations from friends or relatives get the second highest rating with 62%, followed by TV advertising...

... to screen a household, to place samples with families which are using particular competitors' brands. Data can also be collected on usage levels, or to gather material for a database.

MRM's Sampleforce has been on trial...

15/3,K/45 (Item 45 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00794882 94-44274  
Distressed public housing: Where do we go from here?  
Schill, Michael H  
University of Chicago Law Review v60n2 PP: 497-554 Spring 1993  
ISSN: 0041-9494 JRNLD CODE: UCL  
WORD COUNT: 25924

...TEXT: more generous public housing utility allowances might be attributable to the difficulty PHAs encounter in collecting accurate utility consumption data for recipients of Section 8 certificates. Id at 15-16. A study using a different...to "thin out" some public housing developments. See id at 79, 82. Nevertheless, the Commission recommends

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that all units be replaced with supply-oriented subsidies. Id at 87. To avoid community opposition, the Commission also recommends that replacement units be permitted in the

**15/3,K/46 (Item 46 from file: 15)**  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00790756 94-40148

**Utility averaging policies - Impact on consumer's energy usage**  
Ha, Mikyoung; Williams, Sue E; Weber, Margaret J  
Journal of Consumer Affairs v27n2 PP: 284-299 Winter 1993  
ISSN: 0022-0078 JRNL CODE: JCA  
WORD COUNT: 4605

...TEXT: a false cost signal to consumers and result in overconsumption during peak periods.

Economic theory suggests that to achieve efficiency in energy consumption, consumers must obtain and use price information. Household utility rates were conventionally viewed as...of broken windows, (2) signs of maintenance, and (3) solid floors and roofs. In addition, installation of energy conservation features as insulation, storm doors and windows, and caulking and weatherstripping, contribute...

... housing and sociodemographic characteristics are controlled, and (3) To identify factors impacting on residential energy consumption .

**SAMPLE AND DATA COLLECTION**

Data from the 1984 Residential Energy Consumption Survey (RECS) conducted by the Energy Information Administration (EIA) (1986) were used for the analysis...

**15/3,K/47 (Item 47 from file: 15)**  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00783696 94-33088

**Determining information requirements for an EIS**  
Watson, Hugh J; Frolick, Mark N  
MIS Quarterly v17n3 PP: 255-269 Sep 1993  
ISSN: 0276-7783 JRNL CODE: MIS  
WORD COUNT: 7894

...TEXT: As executives become more familiar with the system and its EIS support staff, they initiate recommendations about the system 's contents. While this method has value, executives will occasionally make recommendations based more on...consuming to employ, and executives were not supportive of its use.

**SOFTWARE TRACKING OF EIS USAGE**

Some EISs collect data on how the firm's executives use the systems. By logging executive activity on the...

**15/3,K/48 (Item 48 from file: 15)**  
DIALOG(R) File 15:ABI/Inform(R)

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00746814 93-96035

**Developer stuck on new Oracle Glue API product**

Eckerson, Wayne

Network World v10n31 PP: 29-30 Aug 2, 1993

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 721

...TEXT: remote customer service application used by salespeople at a manufacturing firm.

In the first application, **energy** management specialists visit homes to **recommend** steps customers can take to reduce energy **consumption**.

The specialists use Sharp Wizard palmtop computers to collect more than 300 pieces of **data** about the customer's home, **usage** patterns and conservation efforts.

The data is then uploaded via a modem connection to an...

**15/3,K/49 (Item 49 from file: 15)**

DIALOG(R) File 15:ABI/Inform(R)

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00730696 93-79917

**Effect of thermal improvements in housing on residential energy demand**

Hsueh, Li-Min; Gerner, Jennifer L

Journal of Consumer Affairs v27n1 PP: 87-105 Summer 1993

ISSN: 0022-0078 JRNL CODE: JCA

WORD COUNT: 5235

...ABSTRACT: warmth, households may increase their demand for warmth, offsetting the reduction in fuel demand. The **data** in this study are from the Residential Energy **Consumption** Survey, 1980-1981, one of a series of surveys that **collected** information on housing units, demographic and economic characteristics of the households and matched **consumption** and expenditure **data** obtained from records maintained by the households' fuel suppliers. A data set of 5,979...

...TEXT: during the late 1970s and early 1980s. For example, in 1981 3.4 million households **installed** roof insulation, 2.0 million households **installed** wall insulation, and 5.0 million households added storm windows or storm doors (U.S...).

... warmth, offsetting the reduction in fuel demand. This implies that energy conserving modifications may impact **energy** demand less than engineering computations **suggest**. Similarly in an examination of demand for gasoline and automobile fuel efficiency, both inputs impact...sub j, which is a function of income, price of use, and household demographics.(5)

#### **DATA AND ESTIMATION**

The Energy Information Administration, U.S. Department of Energy, **collected** these **data** in 1980-1981. The **data** are from the Residential Energy **Consumption** Survey, 1980-1981, one of a series of surveys(6) that **collected** information on housing units, demographic and economic characteristics of the households and matched **consumption** and expenditure **data** obtained from records maintained by the households' fuel suppliers. The data set...

15/3,K/50 (Item 50 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00706747 93-55968  
**A value-based orientation to new product planning**  
Mazumdar, Tridib  
Journal of Consumer Marketing v10n1 PP: 28-41 1993  
ISSN: 0736-3761 JRNL CODE: JCK  
WORD COUNT: 6678

...TEXT: costs include both monetary and non-monetary costs that potential adopters may incur to acquire, **install**, operate and consume the new product. Consumers weigh potential benefits against sacrifices, and this comparison... of the new product (Forbes and Mehta, 1978). These include, for example, costs of delivery, **installation**, start-up, service and maintenance costs incurred by consumers over the life of the new... Perceived sacrifices

The above expression has two implications for the value-based planning of new **products**. First, it **suggests** that a firm can enhance consumer perception of new product value either by increasing their...rapid initial adoption or expand market share with introductory offers such as "low" price, free **installation**, free on-site demonstration and training, or other forms of inducements that lower adopters' perceptions...  
... that of Cell 3 involves, for example, withdrawing certain value-added services (e.g. free **installation**, on-site training, or maintenance contract) or eliminating certain benefit-generating features, hitherto offered to...at prices lower than that of reference products.

\* Post-purchase costs, such as costs of **installation** and maintenance as well as the costs of switching from and disposing of existing products... analysis relies on the managers' ability to assess consumer perceptions of these components accurately. Perceptual **data** can be **collected** during **usage** tests, pre-test markets, or even from a panel in the actual test market. For...

15/3,K/51 (Item 51 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00662427 93-11648  
**Customer satisfaction measurement: Prolonged satisfaction with ATMs**  
Moutinho, Luiz  
International Journal of Bank Marketing v10n7 PP: 30-37 1992  
ISSN: 0265-2323 JRNL CODE: IJB  
WORD COUNT: 5067

...TEXT: be found sprouting through the walls of banks and building societies, Increasingly, they are being **installed** in remote sites such as motorway service areas, where they are some distance from the...ATMs, and towards shared networks, offers banks a way of sharing the high cost of **installing** ATMs and providing better availability and convenience. Further, despite many well-publicized negative incidents with...

...service performance expectations.

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H2: The level of perceived prolonged satisfaction is positively associated with the **usage** rate attached to the service.

**DATA COLLECTION**

A non-probability sampling procedure was used in the study and the respondents were selected...satisfaction. As a partial and applied example the study presents empirical results for a high **technology** financial service area, **suggesting** the importance to managers of the concept of "prolonged satisfaction" as measured in parallel with... convenient locations and should target untapped demographic/psychographic groups.

\* Financial services organizations should develop and **install** ATMs which would perform more banking functions in order to obtain sufficient transaction volume to...

**15/3,K/52 (Item 52 from file: 15)**

DIALOG(R) File 15:ABI/Inform(R)  
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00620393 92-35495

**Strategic Requirements for IS in the Turbulent Healthcare Environment**

Kettelhut, Michael C.

Journal of Systems Management v43n6 PP: 6-9, 18 Jun 1992

ISSN: 0022-4839 JRNL CODE: JSM

WORD COUNT: 2874

...TEXT: a component of those strategies. The healthcare sector provides examples of effective use of information **technology**. However, continued problems in healthcare **suggest** that information systems must support basic control processes --particularly cost accounting. Information technology, and the... have developed strategies, some of which use information technology to deal with the changing environment.

**PRODUCT DIFFERENTIATION**

Porter **suggests** that producers must add value for the consumer. Hospitals market to physicians to capture their...

... Systems development for hospitals in the past 20 years accumulate patient charges but must not **collect** appropriate resource **consumption data**. Many do not **collect** actual costs or provide tools for analyzing variances between actual and standard cost.

Hospitals may...

**15/3,K/53 (Item 53 from file: 15)**

DIALOG(R) File 15:ABI/Inform(R)  
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00370533 87-29367

**Product/Consumption-Based Affective Responses and Postpurchase Processes**

Westbrook, Robert A.

Journal of Marketing Research v24n3 PP: 258-270 Aug 1987

ISSN: 0022-2437 JRNL CODE: JMR

ABSTRACT: It is **suggested** that the inclusion of **product /consumption affective responses** could extend the explanatory ability of current theoretical postpurchase models. **Data** were **collected** through field

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studies of consumers reporting on their personal product ownership/ **usage** experiences and postpurchase behavior in the product categories of automobiles and cable pay television subscription...

**15/3,K/54 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

09201457 Supplier Number: 77930532 (USE FORMAT 7 FOR FULLTEXT)

**From Edge to Edge. (developing Web-based IT)**

Palmer, Julian  
Enterprise Systems Journal, v15, n5, p58  
May, 2000  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2202

... service delivery systems, particularly those characterized by numerous third-party service providers, can make the **collection** of reliable **usage** information a daunting task.

In the absence of reliable **data**, one frequently finds e-business firms addressing capability/capacity issues in very unscientific ways, speculating...

...his or her order has been taken.

Vendors of end-to-end performance measurement solutions **suggest** that their **products** provide "real information" about the end user's e-commerce experience. Response time, they insist...

**15/3,K/55 (Item 2 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07749464 Supplier Number: 64566119 (USE FORMAT 7 FOR FULLTEXT)

**IBM SAP Workload Analyzer Available Worldwide. (Product Announcement)**

Doyle, Joanna  
MIDRANGE Systems, v13, n10, p5  
July 24, 2000  
Language: English Record Type: Fulltext  
Article Type: Product Announcement  
Document Type: Magazine/Journal; Trade  
Word Count: 498

... receive a thorough evaluation from IBM via e-mail derailing workload and other aspects of **system** usage.

"We **recommend** that customers do it during their peak loads, usually during a month-end close period...

...sense of the kind of workload their system handles."

Insight for SAP R/3 is **installed** on a client PC connected to the LAN, and before activating the monitoring session, the...

...and access rules and communication parameters. IBM recommends IT departments allow Insight to monitor and **collect** SAP R/3 **usage** **data** for four to 10 days, according to Dilley. The **collected** **data** is then forwarded to IBM America's Techline personnel for reduction, analysis and report production...

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...Windows NT, AIX, AS/400 S/390 and other non-IBM UNIX environments, and is **installed** on any Windows client machine that can communicate with the production SAP complex.

While IBM...

**15/3,K/56 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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07585377 Supplier Number: 63557639 (USE FORMAT 7 FOR FULLTEXT)

**NEW MEDIA. (Brief Article)**

Modern Materials Handling, v55, n8, p80  
July 1, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 580

... process.

By equipping forklifts that already have a radio frequency terminal aboard with the Universal **Data** Logger (UDL), fleet managers can **collect** lift truck **usage data** automatically and wirelessly. Remote Equipment Systems 877-855-7374 <READERSERVICE>Circle 411</READERSERVICE>

Computer simulation...

...section that identifies potential ergonomic hazards; a task analysis tool that provides immediate results; and **equipment recommendations** based upon the criteria generated in the task analysis section.

Copies can be purchased from...

**15/3,K/57 (Item 4 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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07498971 Supplier Number: 62748066 (USE FORMAT 7 FOR FULLTEXT)

**NEWmedia. (includes brief articles) (Brief Article)**

Modern Materials Handling, v55, n7, p80  
June 1, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 580

... process.

By equipping forklifts that already have a radio frequency terminal aboard with the Universal **Data** Logger (UDL), fleet managers can **collect** lift truck **usage data** automatically and wirelessly. Remote Equipment Systems 877-855-7374 <READERSERVICE>Circle 411</READERSERVICE>

Computer simulation...

...section that identifies potential ergonomic hazards; a task analysis tool that provides immediate results; and **equipment recommendations** based upon the criteria generated in the task analysis section.

Copies can be purchased from...

**15/3,K/58 (Item 5 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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07141206 Supplier Number: 60598411 (USE FORMAT 7 FOR FULLTEXT)  
**Use monitoring programs to improve ammonia plant uptime. (Brief Article)**  
Sukumaran Nair, M. P.  
Hydrocarbon Processing, v79, n2, p75  
Feb, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 5687

... will need time to have instruments calibrated, arrange for special laboratory analysis, etc.

From the **collected data**, average hourly feedstock and fuel **consumption**, steam import/export, cooling water and boiler feedwater makeup, power consumption, instrument air consumption, ammonia...

...so that air leakage is minimal. Heat from the flue gas can be recovered by **installing** a secondary feed preheater coil in the convection zone above the existing ones so that...catalyst). Because of other considerations such as equilibrium approaches and maximum tube-wall temperature, ammonia- **technology** licensors may **recommend** the following maximum loading for naphtha with a final boiling point of 180(degrees)C... production by 4%--5%. To maintain the (H<sub>sub.2</sub>)/(N<sub>sub.2</sub>) ratio without **installing** purge-gas hydrogen recovery unit, it will be necessary to add more air in the...

**15/3,K/59 (Item 6 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06851562 Supplier Number: 58044419 (USE FORMAT 7 FOR FULLTEXT)  
**E-Business Challenger: John Keast, Pacific Gas & Electric. (People) (Brief Article)**  
Goodridge, Elisabeth  
InformationWeek, p64  
Dec 6, 1999  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Tabloid; General Trade  
Word Count: 167

Keast created an automated system to exchange customer accounts, billing, and **usage** information. By **collecting data** and presenting it on PG&E's Web site, the company can help customers track their energy usage. The account information can flag any abnormalities, for instance, and **suggest** specific ways to conserve **energy**.

Keast also introduced business-to-business online energy trading, which he says "is like a..."

**15/3,K/60 (Item 7 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06833545 Supplier Number: 57809577 (USE FORMAT 7 FOR FULLTEXT)  
**Imagicast Brings One-on-One Marketing to the Retail Store With an Internet-Based Service That Helps Maximize Purchases Per Visit.**

Search Report from Ginger R. DeMille

PR Newswire, p0570

Nov 29, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1467

... real time and customizes promotions according to individual interests.

Each appliance can make cross-selling **recommendations** on **products** and services within the store, offering the potential to generate substantial incremental sales revenues. Promotions...

...ability to assess the effectiveness of clients' in-store merchandising is made possible by the **usage data collected** by each interactive appliance. This **data** is transmitted to Imagicast's servers over the system's wireless network on a nightly...Imagicast the power to build sales."

About Imagicast

With over 70,000 earlier-generation systems **installed** worldwide under the name Telescan Systems, Inc., Imagicast is the leading manufacturer of interactive merchandising...

**15/3,K/61 (Item 8 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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06789616 Supplier Number: 57058887 (USE FORMAT 7 FOR FULLTEXT)  
**TELEMATE.NET SOFTWARE (NNM:TMNT)**.

The IPO Reporter, pITEM99305009

Nov 1, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 292

... networks. The company's products enable businesses to rapidly extract the large amount of network **usage data collected** by devices within their communications networks and translate this **data** into meaningful management reports. Its call accounting products **collect**, analyze and report on **usage data** from Private Branch Exchanges. Its Internet **usage management** products **collect**, analyze and report on **usage data** from a variety of network devices such as firewalls, proxy servers and intrusion detection software...

...1999E: (\$0.83) 2000E: (\$0.46) 2001E: \$0.22

Industry Average P/E: 25.8

**Recommended** by SoundView **Technology** Group on Oct. 25, 1999:

Rated: STRONG BUY Price Target: \$25 (2000)

Recommended by J...

**15/3,K/62 (Item 9 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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06657246 Supplier Number: 55842818 (USE FORMAT 7 FOR FULLTEXT)  
**REVOLUTION; in the energy supply base.**

Porter, Anne Millen

Purchasing, v127, n4, p109

Sept 16, 1999

Search Report from Ginger R. DeMille

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 7733

... energy commodity and energy management services is being accomplished through mergers and acquisitions. Popular predictions **suggest** that, in the end, the **energy** industry will emerge with ten, maybe twenty, national full-service ESPs plus, perhaps, a handful...will be in five years, our compensation is at risk."

- Load profiling. Compiling enterprise-wide energy **usage data** using a combination of historical utility bills plus new sophisticated **data collection** systems--and converting that data into information for making business decisions--represents the bread and...past. Where before they may have spent most of their time retrofitting light bulbs or **installing** energy-efficient motors, in future years they will be learning to flex their demand according...  
...own energy-related equipment or personnel. Rather, they should allow an ESP to evaluate, invest, **install**, operate, and maintain all energy-related equipment and functions. Already, these companies are looking to...take on the job?"

Watkins concedes that there may be considerable risk in choosing one **energy** integration partner. However, he **suggests** that the decision may be less **risky**

15/3,K/63 (Item 10 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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06563987 Supplier Number: 55450526 (USE FORMAT 7 FOR FULLTEXT)  
**TEST PROCEDURE DEVELOPMENT FOR RESIDENTIAL DISHWASHERS.**

Castro, Natascha S.  
Appliance, v56, n8, p70  
August, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 4834

... so comparable dishwashers are identified in the same class and held to the appropriate minimum **energy** standard. It is, therefore, **suggested** that the definition of standard and compact dishwashers be based on loading capacity.

The Federal...Sensing Technology in Dishwashers

Soil sensing technology has made the current test procedure ineffective in **collecting** representative energy and water **consumption data**. Under the current test procedure, the absence of soils in the test cycle triggers a...

...and adding new definitions for these two types. A method could then be developed to **collect** representative energy and water **consumption** values for soil sensing dishwashers. AHAM suggested a method to **collect** representative **data** by forcing soil sensing dishwashers into a maximum normal-response cycle. Manufacturers would test a...of testing between laboratories, the DOE proposes to incorporate more detailed requirements for test chamber **installation** and that the changes be adopted into the dishwasher test procedure, using the wording proposed by AHAM. The revised **installation** instructions will support uniformity among testing laboratories without a significant addition to the test burden. They are:

2. Testing conditions: 2.1 **Installation**. The dishwasher must be **installed** in accordance with the manufacturer's instructions. Undercounter

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and under-sink dishwashers must be **installed** in a test area as follows: A standard or compact under-counter dishwasher must be...

**15/3,K/64 (Item 11 from file: 16)**  
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05001084 Supplier Number: 47344101 (USE FORMAT 7 FOR FULLTEXT)

**Hughes Inks 12-State Deal to Prep for Deregulation**

Nelson, Kessel L.  
Energy User News, p1  
May, 1997

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; Trade  
Word Count: 718

... Illinova consultants are in the process of surveying all the company's facilities.

'We're **collecting data**, studying energy load and **usage** information to develop a baseline profile of the company's power use,' Snouffer told EUN...

...first priority is developing a power purchasing plan, Snouffer said he will also consider any **energy** -efficiency measures **suggested** by Illinova.

'We've already done a lot of work optimizing energy use at our...

...office,' he told EUN. 'In areas without an Illinova office, we'll research the local **energy** service companies and **suggest** a competent one to act in our place. If there's enough need, we'd...

**15/3,K/65 (Item 12 from file: 16)**  
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04169255 Supplier Number: 46089581 (USE FORMAT 7 FOR FULLTEXT)

**GOLDMAN SAYS SHUTDOWN PUTS EPA IN A BIG HOLE, AT CSI MEETING**

Pesticide & Toxic Chemical News, v24, n13, pN/A  
Jan 24, 1996

Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1097

... cutting back the number of trained workers by one-third."

The source said research and **consumption data collection** for the National Academy of Sciences report on infant diets (See Aug. 2, Page 5...

...lack of notice offers opportunity because electronics have not been regulated "to death."

Another participant **suggested** developing a collection **system** in which old equipment is sent to Third World countries.

Graduate Students Will Do Some...

**15/3,K/66 (Item 13 from file: 16)**  
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02908236 Supplier Number: 43926346

**U.S. IS TAKING AIM AT FARM CHEMICALS IN FOOD SUPPLY: EMPHASIS IS ON CHILDREN**

The New York Times, p1

June 27, 1993

Language: English Record Type: Abstract

Document Type: Newspaper; General

**ABSTRACT:**

...residues in food. Infants and children eat fewer foods and consume more calories/body weight **unit** vs adults. The report **recommends** testing pesticides on juvenile lab animals vs testing on adult animals and **collecting** more food **consumption data** on children, frequently sampling the foods children consume in greatest quantities. The Environmental Working Group...

**15/3,K/67 (Item 14 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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02200015 Supplier Number: 42864587 (USE FORMAT 7 FOR FULLTEXT)

**OSCAR MAYER URGES DECOUPLING OF USDA FROM FDA LABELING**

Food Chemical News, v34, n5, pN/A

March 30, 1992

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 982

... be changed to 30 grams, rather than 55 grams, in part because of its similar **consumption** to cheese, which is proposed at 30 grams. Oscar Mayer submitted **data collected** nationally between March 1990 and February 1991 to support its 30 gram recommendation.

The firm...

...for the proposal, but noted a lack of consensus on certain issues. The vegetable protein **product** manufacturer **recommended** against permitting the declaration of soluble and insoluble fiber on the label. The firm also

...

**15/3,K/68 (Item 15 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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02125857 Supplier Number: 42757437 (USE FORMAT 7 FOR FULLTEXT)

**AMS PESTICIDE MONITORING TO AWAIT FDA, EPA AGREEMENTS: GAO**

Food Chemical News, v33, n51, pN/A

Feb 17, 1992

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 3178

... because of confidentiality and privacy protections granted to farmers participating in the surveys."

GAO **Recommends** USDA Develop an Information **Technology** Strategy

GAO **recommended** "that the Secretary of Agriculture direct the Department's Office of Information Resources Management, working...and reporting may be subjected to further changes that could jeopardize the value of the **data** now being **collected**."

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Conceding that USDA's **usage** surveys are proceeding on schedule and meeting needs, GAO said the pesticide residue data collection...

**15/3,K/69 (Item 1 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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13014856 SUPPLIER NUMBER: 20514184 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Submetering project earns 5-month payback. (Phoenix Plaza office buildings)**  
Gegwisch, Grant  
Energy User News, v23, n4, p1(2)  
April, 1998  
ISSN: 0162-9131 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 674 LINE COUNT: 00054

TEXT:

PHOENIX--The **installation** of an electrical submetering system is helping building managers at Phoenix Plaza--a pair of...

... Shorenstein and Co., a San Francisco-based building management firm.

The cost for the submeter **installation**, about \$75,000, will be recovered some time next month because of two factors. By...

...by the need to make billing more fair for the facility's tenants. Before the **installation**, tenants signed leases that stipulated energy payments based on a flat rate per square foot...

...typical energy use by using power after normal business hours or having more people or **equipment** in a space than was **recommended**.

"Right now we are trying to make it fair to all the tenants, to the

...

...It's more fair to the little guy."

Current sensors on each floor send energy **usage** information to the facility's engineering office, where the **data** is **collected** and recorded by submeters from E-Mon, Langhorne, Pa. Building engineers track a total of...

...analyzed and bills are prepared using the company's CE-Mon software.

The equipment was **installed** by local company Hyde Electric. The entire project, completed in January of this year, took...

...to every single floor and map out circuits, stuff like that," Bardzik said.

Like the **installation** of most new technology, this project was not without some small glitches. For example, problems...

**15/3,K/70 (Item 2 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

12753982 SUPPLIER NUMBER: 66497284 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Networked Building Systems: the Revolution is Upon Us.**  
LEE, JIM  
Heating, Piping, Air Conditioning, 72, 10, 61  
Oct, 2000  
ISSN: 0017-940X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2791 LINE COUNT: 00249

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... lowers the cost of interfacing disparate building systems.

Building automation should be viewed as the **data** -acquisition front-end for enterprise-wide facility management.

**Data** **collected** from building automation systems, such as **energy-consumption data**, **alarm data**, and **maintenance data**, generally are wasted today. But this same data can--and should--be used to operate...

...penetration is the result of a proliferation of proprietary systems, which complicate the ability to **install** and broadly integrate information systems.

For example, trend data remains difficult to extract from building ...move raw BACnet data directly to corporate IT systems.

These systems will be designed, specified, **installed**, and maintained by a new breed of company that has expertise in networking, databases, building...

...will be acquired from the building according to the type of building-automation system currently **installed**. If the building is using native BACnet open-system controls, then this information (point data... data-acquisition and controls structure needed to add value to enterprise-wide management applications.

By **collecting** **energy-consumption data** using submeters, facilities managers can get the information they need to analyze building and equipment...

...collected over long periods of time to construct simulation models of buildings. These models will **recommend** control sequences that can reduce **energy** costs and improve the comfort of building occupants.

Maintenance management can benefit from direct communication...

15/3,K/71 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

11787129 SUPPLIER NUMBER: 58530842 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**HORIZONTAL MECHANISMS UNDER DIFFERING IS ORGANIZATION CONTEXTS (1)**.

Brown, Carol V.

MIS Quarterly, 23, 3, 421

Sept, 1999

ISSN: 0276-7783 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 18120 LINE COUNT: 01722

... alone (periodic IT conferences, roundtables) fail to meet the needs for coordination across decentralized IS **units**. The authors also **suggest** that when decentralized IS **units** are geographically separated, groupware support in combination with a formal group mechanism improves the cost... two-boss reporting structure (e.g., Brown and Magill 1994; Von Simson 1990). This **suggests** that cross- **unit** integrators may be implemented in either centralized or federal IS contexts, serving either a BU...

...governance contexts. A case research methodology was therefore chosen for this study in order to **collect** rich descriptive **data** on mechanism **usage**. The case research approach also allows the researcher to take advantage of unique case features...managers, but not all division managers, provided e-mail services. However, at the time of **data collection**, its **usage** for internal communication was not as large as expected in the near future.

Category #4...

15/3,K/72 (Item 4 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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10461658 SUPPLIER NUMBER: 21132318 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Market Facts Study First to Show That Internet Users Mirror Behaviors and Attitudes of Other Americans.**

Business Wire, p9151153

Sept 15, 1998

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1074 LINE COUNT: 00096

... tech products and services, but a viable means of collecting evaluative data for many consumer **products** and services. The data also **suggests** that, if Internet samples are matched demographically to actual census demographic characteristics, research results obtained...

...up quickly and inexpensively, and lower overall research costs. Especially when speed is critical, Internet **data collection** is ideal for testing product awareness and **usage**, new product concepts, and attitudes toward media and promotion ideas. In addition, as with more...

15/3,K/73 (Item 5 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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10212493 SUPPLIER NUMBER: 20574982 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**SPECS 98: wrap-up coverage of Chain Store Age's 34th annual Store Planning Equipment and Construction Services Seminar. (related articles)**

Chain Store Age Executive with Shopping Center Age, v74, n5, p167(40)

May, 1998

ISSN: 0193-1199 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 20298 LINE COUNT: 01645

... monitoring or remediation requirements associated with a release, such as additional soil sampling or the **installation** and testing of groundwater monitoring wells.

"If this should happen," Blauvelt said, "it's best..."

...Sheehan's work with Wal-Mart suggests that big-box operators can save costs by **installing** a separate system for ventilation and humidity control. The operator would then downsize the air...per operating hour," said Tschantz, who advised employing energy audits in the worst facilities first.

Collecting energy- **usage** **data** also puts the retailer in the driver's seat in its dealings with potential suppliers...by the rapid growth of the Internet.

"It took the telephone 40 years to be **installed** in 10 million households," he explained. "By contrast, the Internet went up in 10 million ...most important element in an HVAC maintenance program is to make sure the equipment is **installed** and conditioned properly," said John Nadler, director of store planning/operations for Bath & Body Works...

...and maintenance.

"It all goes back to having the right equipment and how it is **installed**," said Sowards, who reminded the audience that the lowest cost is not "necessarily the best cost" when it comes to HVAC.

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To help ensure proper **installation** of the **equipment**, the panel **recommended** that retailers forge strong partnerships with vendors. The speakers also advised constant communication between all...have contact with construction. You have to initiate contact and make sure everything is being **installed** right. If you don't work with manufacturers and keep the channels of communication open...

...Bath & Body Works brings on a third-party company to control and monitor its HVAC **installation**. The retailer uses a dial-in system that allows its executives to follow a checklist...

...tell you more than the fact that it is hot in a particular store."

Meehan **recommended** **energy**-management systems that allow end-users to dial into individual store locations, read printouts and...

**15/3,K/74 (Item 6 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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10164593 SUPPLIER NUMBER: 20170244 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Squeezing out savings: juice producer takes the motor challenge. (Cutrale**

**Citrus Juices USA) (Food Processing Solutions)**  
Food Processing, v58, n9, p96(1)  
Sep, 1997

ISSN: 0015-6523 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 683 LINE COUNT: 00059

... motor by motor and found that a significant quantity were outdated and even redundant.

Applied **product** specialists **recommended** consolidating inventory by stocking a versatile TEFC motor, which could be used in many applications

...

...commodity," says Jim Bearden, Applied product specialist.

Energy management consists of a comprehensive effort to **collect** and organize energy costs and **consumption data**, identify, analyze and implement energy conservation opportunities, and monitor results. USDOE data indicate that 69...

**15/3,K/75 (Item 7 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c) 2004 The Gale Group. All rts. reserv.

09651469 SUPPLIER NUMBER: 18905174 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Income portfolios in rural Ethiopia and Tanzania: Choices and constraints.**

Dercon, Stefan; Krishnan, Pramila  
Journal of Development Studies, v32, n6, p850(26)  
August, 1996

ISSN: 0022-0388 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 11018 LINE COUNT: 01061

... with similar characteristics in other areas. The density of population in this area is high **suggesting** that the marginal **product** of labour in cropping in this area is low and therefore household members are more...the sample design and questionnaire, see Webb et al. (1992).

(9.) The household surveys also **collected** **consumption data**, using recall periods of different lengths depending on the type of commodities. In the Ethiopian **data** only food **consumption** was **collected**

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for all households. In both cases, no effort was made to capture seasonality in consumption...

**15/3,K/76 (Item 8 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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09317241 SUPPLIER NUMBER: 19028424 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**A two-stage rural household demand analysis: microdata evidence from Jiangsu Province, China.**

Gao, X.M.; Wailes, Eric J.; Cramer, Gail L.

American Journal of Agricultural Economics, v78, n3, p604(10)

August, 1996

ISSN: 0002-9092 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 6186 LINE COUNT: 00523

... a series of reforms in 1993 to abolish the government grain procurement and urban rationing **system**. This **suggests** that there may be a saturation of food demand in rural areas. There have been...

...suggested by Kueh (1984) and Carter and Zhong.

This study uses Chinese rural household survey **data collected** by the China State Statistical Bureau (SSB) to provide insights into the **consumption** behavior of Chinese peasant families. The unavailability of microlevel data has limited previous studies of...

**15/3,K/77 (Item 9 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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08923911 SUPPLIER NUMBER: 18475952 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Nitro musks in fragrance products: an update of FDA findings. (includes related article on self-regulation by the fragrance industry)**

Wisneski, Harris S.; Haverty, Donald C.

Cosmetics and Toiletries, v111, n6, p73(4)

June, 1996

ISSN: 0361-4387 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1780 LINE COUNT: 00157

... with IFRA guidelines includes the development of an analytical method to measure MA in fragranced **products**. (18) In 1985, the IFRA **recommended** that MA not be used in any fragranced products coming into contact with the skin...is an international organization of trade associations representing fragrance manufacturers. The IFRA reviews available toxicological **data**, including **data collected** by the RIFM, and publishes its guidelines for fragrance **usage** in its IFRA Code of Practice, which is updated as new data become available.

To...

...concern, especially those for which the IFRA has either established a maximum use level or **recommended** against its use in fragranced **products**

**15/3,K/78 (Item 10 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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Search Report from Ginger R. DeMille

08866083 SUPPLIER NUMBER: 18567768

**Microcultural analysis of variation in sharing of causal reasoning about behavior.**

Sirsi, Ajay K.; Ward, James C.; Reingen, Peter H.  
Journal of Consumer Research, v22, n4, p345(28)

March, 1996

ISSN: 0093-5301 LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 16155 LINE COUNT: 01379

... together his preferences. If we inquired, Kevin would begin to teach us the macrobiotic belief **system** underlying his **recommendations**. He might invoke complex causal reasoning to convince us, as we overhear him telling John...of whom had not been interviewed during the ethnography. In the first phase, causal reasoning **data** were **collected**. In the second phase, **data** on expertise, strength of social ties, and various **consumption** behaviors were obtained. Respondents usually took between four and five hours to complete data collection...later found that experts usually shared significantly more culture-specific beliefs .than intermediates for all **products**. This finding **suggests** that sharing is more than a matter of complexity.

6 Beliefs that are not elements...

15/3,K/79 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

08844602 SUPPLIER NUMBER: 18335338 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Forging profit from energy and environmental opportunities.**

Trainor, John R.

Metallurgia, v63, n3, p98(5)

March, 1996

ISSN: 0141-8602 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 5671 LINE COUNT: 00461

... a proactive management scheme. Thus, a key part of the strategy is to measure gas **consumption** on a regular basis. A chart is included that indicates remotely **collected** **data** on a real site using the relevant time scales. The cost of the technology to...benefits during particular demand pattern and are available on many dedicated control systems.

\* A control **system** is **recommended** that operates on a range of control strategies that facilitates identification of machine groups and... and even more can be done in eliminating waste and improving the quality of the **product**.

Environmental management systems come highly **recommended** for a healthy business.

Dr John R Trainor is Operations Manager EM&S, Applied House...

15/3,K/80 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06782737 SUPPLIER NUMBER: 14835799 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Utility averaging policies - impact on consumer's energy usage.**

Mikyoung Ha; Williams, Sue E.; Weber, Margaret J.

Journal of Consumer Affairs, v27, n2, p284(16)

Winter, 1993

ISSN: 0022-0078 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 4990 LINE COUNT: 00429

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... a false cost signal to consumers and result in overconsumption during peak periods.

Economic theory suggests that to achieve efficiency in **energy** consumption, consumers must obtain and use price information. Household utility rates were conventionally viewed as...of broken windows, (2) signs of maintenance, and (3) solid floors and roofs. In addition, **installation** of energy conservation features as insulation, storm doors and windows, and caulking and weatherstripping, contribute...

...housing and sociodemographic characteristics are controlled, and (3) To identify factors impacting on residential energy **consumption** .

**Sample and Data Collection**

**Data** from the 1984 Residential Energy **Consumption** Survey (RECS) conducted by the Energy Information Administration (EIA) (1986) were used for the analysis...

**15/3,K/81 (Item 13 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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06231903 SUPPLIER NUMBER: 13573778 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**What does a negawatt really cost? Evidence from utility conservation programs.**

Joskow, Paul L.; Marron, Donald B.  
Energy Journal, v13, n4, p41(34)  
Oct, 1992

ISSN: 0195-6574 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 12016 LINE COUNT: 00993

... effective electric efficiency. The National Academy of Sciences, for example, relied on similar estimates of **energy** efficiency resources in developing **recommendations** for a set of "no regrets" policies to respond to global warming concerns (National Academy...reflect the fact that utilities do incur costs beyond the direct costs of purchasing and **installing** efficient appliances and equipment. This margin is somewhat arbitrary and is based on limited utility...efficiency lights, high efficiency motors, etc.). This generally includes only the cost of equipment and **installation** for these conservation measures.

[K.sub.a]: Additional costs incurred by the utility in implementing

...as monitoring and evaluation. Since the latter costs often occur a number of years after **installation** , this figure should include the net present value of the relevant stream of such costs...

...executive and legal costs, and some portion of regulatory costs.

[A.sub.d]: Total direct **installed** costs of the energy-using equipment that a customer would otherwise **install** in the absence of the utility program (e.g. less efficient lights or motors than...)

...as a result of their electricity conservation programs. The costs associated with direct marketing and **installation** of program measures, including customer incentive payments and some degree of auditing, are generally accounted...transactions costs. These include time spent shopping, with energy auditors, and dealing with those who **install** the measures. They also include the value of lost business and inconvenience incurred while measures are being **installed** . Transactions costs are real costs that should in principle be taken into account when calculating...

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...similar non-participating customers. Such an approach requires, however, the careful identification of control groups, collection of data on all relevant customer characteristics, and careful monitoring of consumption and changes in customer characteristics for the treatment and control groups over a sufficient period...1992). Based on our review of the literature on by legitimate differences in the measures installed ,(25) it is unlikely that the variation can be explained primarily by such factors. We...e.g., long hours of use, long expected life, short life of existing equipment, low installation cost, etc.). All else equal, this would imply that free riders, on average, save more...

15/3,K/82 (Item 14 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06198585 SUPPLIER NUMBER: 13616997 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Information technology, control and power: the centralization and decentralization debate revisited.**  
Bloomfield, Brian P.; Coombs, Rod  
Journal of Management Studies, v29, n4, p459(25)  
July, 1992  
ISSN: 0022-2380 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 10734 LINE COUNT: 00865

... the codes, although they are interesting, but that the doctors, whilst challenging the particular coding system first suggested , did not challenge the need for some sort of coding. On the contrary they endorsed...are recorded in the software in Resource Management systems and used as a basis for collection of data on numbers of patients, to observe patterns and variances in resource usage . In one system they are even available via menus on a computer screen for a...

15/3,K/83 (Item 15 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05835912 SUPPLIER NUMBER: 12112349 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Academic Abstracts Full Text Elite. (data base) (Evaluation)**  
Albrecht, Cheryl C.  
RQ, v31, n3, p409(2)  
Spring, 1992  
CODEN: RQRQAQ DOCUMENT TYPE: Evaluation ISSN: 0033-7072  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 991 LINE COUNT: 00079

... be added for local notes for each periodical title (location in library, missing issues, etc.) Collection development statistics provide data on the number of citations printed per periodical. Usage statistics show the number of searches performed, the number of citations found, and the number...

...and produce useful statistics. This combination is unique, and for this reason, the reviewer strongly recommends serious consideration of this product or its variations for academic and large public libraries.--Cheryl C. Albrecht, Head, Langsam Library...

15/3,K/84 (Item 16 from file: 148)

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DIALOG(R) File 148:Gale Group Trade & Industry DB  
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04770867 SUPPLIER NUMBER: 08706556 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Kraft General Foods' fat free products help consumers reach recommended daily fat levels.**

PR Newswire, 0806NY051

August 6, 1990

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 597 LINE COUNT: 00048

**Kraft General Foods' fat free products help consumers reach recommended daily fat levels.**

... are based on 14-day diet records from MRCA Menu Census surveys, food portion size **data** from the USDA nationwide Food **Consumption** Survey, food nutrient **data** base and analytical nutrient **data** collected by Kraft General Foods./

/CONTACT: Kathy Knuth, 708-998-2666 or Linda Eatherton, 708-998...

**15/3,K/85 (Item 17 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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04637886 SUPPLIER NUMBER: 10649787 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Corporate liberalism and electric power system planning in the 1920s.**  
(**Government and Business**)

DeGraaf, Leonard

Business History Review, v64, n1, p1(31)

Spring, 1990

ISSN: 0007-6805 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 12339 LINE COUNT: 01017

... Super Power was divided into technical and corporate components. Murray and a staff of engineers **collected** power production and **consumption** **data**, which were used to determine the location of long-distance power transmission lines and the...Buckland, and William S. Barstow, to draft a corporate charter for the proposed Super Power **system**. The subcommittee **recommended** that a "North Atlantic Super Power Company" be created and that, since the enterprise would...

**15/3,K/86 (Item 18 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

04605057 SUPPLIER NUMBER: 08603870 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Purchasing behavior in embedded markets.**

Frenzen, Jonathan K.; Davis, Harry L.

Journal of Consumer Research, v17, n1, p1(12)

June, 1990

ISSN: 0093-5301 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 8805 LINE COUNT: 00711

... issued to hostesses and invitees approximately two weeks after the party. This sampling method permitted **collection** of IH and ID sociometric **data** as well as invitee demographic and **consumption** **data** before the party was held and before respondents were influenced by ...affect the likelihood of market entry but not the level of expenditure in this market **suggests** that the choice of the **product** offered for sale at a home party

Search Report from Ginger R. DeMille

may not affect sales as long as the...

**15/3,K/87 (Item 19 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

04157902 SUPPLIER NUMBER: 08193859 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Developing statistics to meet society's needs.**  
Norwood, Janet L.; Klein, Deborah P.  
Monthly Labor Review, v112, n10, p14(6)  
Oct, 1989  
CODEN: MLARA ISSN: 0098-1818 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 4797 LINE COUNT: 00388

... of life. Beginning with the counting of the population as required by the Constitution, government **data collection** has expanded to cover employment, agriculture, industrial production, prices, earnings, **consumption**, health conditions, and a variety of other important areas. As the statistical system developed, data...that has taken place, especially over the last few decades, and the challenges of new **technology suggest** that it may be time for a comprehensive reexamination of the concepts underlying the SIC...

**15/3,K/88 (Item 20 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

04095008 SUPPLIER NUMBER: 07899109 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Compensation control mechanisms in the American states.**  
Lawther, Wendell C.; Traynham, Earle C.; Jennings, Kenneth M.  
Public Personnel Management, v18, n3, p325(14)  
Fall, 1989  
ISSN: 0091-0260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 4405 LINE COUNT: 00365

... between heavy involvement in collective bargaining or not. Excluding the wage and salary survey, the **data** indicates a greater **usage** of compensation controls among those states without **collective bargaining** than for those which are heavily involved.

Perhaps many state personnel representatives believe that... compensation manager is more likely to be that of an advisor to the legislature, making **recommendations** for changes in the compensation **system**. Finally, in the five states with little or no collective bargaining and a limited legislative...

**15/3,K/89 (Item 21 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03932969 SUPPLIER NUMBER: 07330308 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The sacred and the profane in consumer behavior: theodicy on the odyssey.**  
**(how consumer behavior reflects the secularization of religion and the sacralization of the secular)**  
Belk, Russell W.; Wallendorf, Melanie; Sherry, John F., Jr.  
Journal of Consumer Research, v16, n1, p1(38)  
June, 1989

Search Report from Gingor R. DeMille

ISSN: 0093-5301 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 29210 LINE COUNT: 02369

... sites, purposive sampling, cross-context testing for transferability, depth and intimacy in interviewing, triangulation of **data** across researchers and **data collection** media, and triangulation of interpretation across researchers. Despite a long history of **usage** in anthropology and sociology, these approaches have been employed less commonly in the study of...indications from taste tests, for consumers the magic and mystique were gone. As the quintessential **products** listed previously **suggest**, quintessence generally is achieved over a long period of time and is not a process...

15/3,K/90 (Item 22 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

03931691 SUPPLIER NUMBER: 07866089 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Modeling **energy demand** and **socioeconomic development of Taiwan**.  
Gwo-Hshiung Tzeng  
Energy Journal, v10, n2, p133(20)  
April, 1989  
ISSN: 0195-6574 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 3904 LINE COUNT: 00326

... saturation; (2) vehicle fuel efficiency standards will be implemented and new, high-efficiency transportation systems **installed**, and (3) the structure of energy consumption in industry will be altered so as to...

...the growth of industrial production or causing significant increases in cost. Conservation measures have included **installation** of an energy auditing system, encouragement of efficient energy use, reconstruction of the industrial structure...GDP is expected to slow down to five percent from 2000-2010.

Current industry structure **suggests** that knowledge, **technology** and automated production processes will be used to replace a large part of the labor...

...two decades.

GLOBAL ENERGY DEMAND MODELS

The global energy demand models are constructed using the **data collected** for macroeconomic conditions and global energy **consumption** characteristics for 1962-1984. To facilitate measurement of energy demand elasticity, a translog econometric demand...

15/3,K/91 (Item 23 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03121503 SUPPLIER NUMBER: 04686600 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Computerization may solve knotty knitting problems. (Textile technology supplement)  
Norwick, Braham  
Daily News Record, v17, pT11(1)  
March 2, 1987  
ISSN: 0162-2161 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1532 LINE COUNT: 00118

Search Report from Ginger R. DeMille

... has already published one potential bombshell in recent issues of Wirkerei- und Strickerei-Technik (Knitting Technology).

His suggestions, and they appear more than just that, involve computerized knotting. Not knitting. Knotting. That is...

...cables, and cutters, there are only the newer yarn storage devices. Similar gadgets are already installed on a number of today's electronics machines.

For the system to work perfectly, the...

...worth an effort. Their work programs and the machine data are set in prior to installation. He claims some of the computer games that kids play with can be more complex...machine to the next. That means perfect reproduction of any specific pattern.

Furthermore, fully automatic data collection for yarn consumption at each feeder is readily accomplished. Schwabe claims his system is the beginning, for the...

15/3,K/92 (Item 24 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
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02491264 SUPPLIER NUMBER: 03963494 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Industry ready with high-tech environmental control systems ... but is the market?

O'Brien, Dennis  
Progressive Architecture, v66, p122(2)  
Oct, 1985

ISSN: 0033-0752 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1800 LINE COUNT: 00148

... the next five to ten years.

Energy management products will be less expensive, easier to install, easier to calibrate, and easier for the building owner to reprogram and maintain.

They will also become sufficiently small and inexpensive for routine installation in smaller commercial buildings, even those under 200,000 square feet.

Solid-state circuitry, new...

...some problems with present energy saving theories and equipment.

During the last year of the data collection period, energy consumption increased 12 to 14 percent per month, primarily due to escalating use of on-site...

...maintenance, energy management systems malfunction frequently and may actually result in energy waste rather than energy savings. The study recommends that the reliability and accuracy of instrumentation should be improved.

Newman also says, "we are...is the ability to send a signal to the ballast via AC power lines, simplifying installation and making control and reprogramming simpler.

The fluorescents themselves are becoming more and more efficient...

15/3,K/93 (Item 1 from file: 160)

DIALOG(R) File 160:Gale Group PROMT(R)  
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01562066

**Innovations in computer software developed at Battelle's Pacific Northwest Laboratories are saving time and money in energy conservation studies for the Bonnevi.**

NEWS RELEASE December 30, 1986 p. 11

... use a more flexible approach in applying problem-specific know-how to draw conclusions and **recommend** solutions. The Battelle **system** is currently used to verify that energy monitoring equipment is being correctly **installed** at nearly 600 residential and commercial buildings throughout the Pacific Northwest. The Logger Verification Assistant **system** diagnoses **installation** problems and **recommends** corrective action. Battelle engineers developed data-logging devices to help the Bonneville Power Administration study...

... identify how residential and commercial consumers use electricity. The microprocessor-controlled data loggers are being **installed** as part of BPA's End-Use Load and Conservation Assessment Program. The loggers are programmed to measure and record electrical **consumption** for more than 50 individual uses as well as to **collect data** on indoor and outdoor air temperatures, humidity, wind speed, wind direction and solar flux. Data...

**15/3,K/94 (Item 1 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02082163 SUPPLIER NUMBER: 19520475 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Telemangement products and services. (Buyers Guide)**

Teleconnect, v15, n6, p104(18)  
June, 1997

DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8241 LINE COUNT: 00691

... approximately \$10,000 in a single site, single user configuration.  
Warranty is 90 days from **installation**.

AT&T TRAF, TF, NET

AT&T's (Bridgewater, NJ -- 908-658-8680) Network Management...

...Navigator 3.0 or higher and Windows 95. Customer Direct software is free with no **installation** charges, and carries a \$100/month tariff charge. Usage charges for Track It! are \$75...

...are \$150 per 800 number per month.

Network Call Attempt Monitor doesn't charge for **installation**. You pay \$75 minimum and \$5,800 maximum monthly charges or usage charges of \$.002...

...for all call attempts over 1,000,000.

Network Traffic Monitor doesn't charge for **installation**, but does cost \$100 per trunk group per month. There is a \$7,500 cap...NJ -- 908-632-8000) helps single or multi-site companies manage their telecommunications expenses.

They **collect usage data** from telecommunications systems and provide standard and custom financial management reports, so clients can allocate...

...on the purchase price of the software. The standard software warranty is 90 days from **installation**.

Communication Sciences also provides a wide variety of consulting

Search Report from Ginger R. DeMille

services, and can assist in all...instantly see an employee's current status (he's on vacation).

All prices include maintenance, **installation**, and training.

For customers who do not wish to run their own Telemanagement for Windows...telephone revenues at multiple sites. Turnkey systems start at about \$9,000, including CPU and **installation**.

RBS-CA can support multiple brands of switch simultaneously. Uses WTI PollCats for collecting SMDR...system maintenance and administration, report processing and distribution tasks to SAI's Service Center. You **install** the Sierra Gold Database Administrator, a Win-based ODBC-compliant application, on any IBM-compatible...The Station Configurator is a Winbased software program that automates the station design process during **installation** of medium to large PBXs. It handily prints button labels for each station set. It...

...is one-year. Dealers provide upgrades to customers, as available. The first TELEDAT system was **installed** in 1990.

TEL ELECTRONICS CA

TEL Electronics (American Fork, UT--800-748-5022) manufactures call

...

...maintenance fees required are for upgrade support. For unlimited rate updates, the cost is \$498 ( **suggested** retail) per year. All **products** have a two-year warranty. INN-FORM has been on the market nearly ten years ...no charge for technical support calls during the first 30 days after WINSENSE has been **installed** and registered. After that time the annual Software Subscription and Maintenance price is \$300/year...

...software maintenance agreement are provided upgrades at no cost. Above pricing is exclusive of hardware, **installation** and database conversions.

TMA also provides conversion services to **install** the end user's personnel and organization structure data (names, organizational codes, cost centers and...plus customization and systems integration support as needed. TOMS annual maintenance is 15% of initial **installed** cost (excluding hardware). There are no fees for tariff maintenance. TOMS is warranted for 12...

...equipment attributed to a workstation. Also assigns costs, serial numbers and smart catalogue requirements for **installation**, as well as stock level and reorder points. Service Order provides entry and tracking of...

15/3,K/95 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01545509 SUPPLIER NUMBER: 12781966 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**DBA\*Master for Windows** monitors Oracle databases. (Management Information

Technology Inc.'s monitoring and tuning tool for relational data base management systems) (New Products) (Brief Article) (Product Announcement)  
Software Magazine, v12, n15, p110(1)

Nov, 1992

DOCUMENT TYPE: Product Announcement ISSN: 0897-8085 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 129 LINE COUNT: 00011

... and tuning activities for multiple databases on mixed platforms. It consists of four modules: the **Data Collector**, which **collects** data on **usage** and performance of the Oracle database engine, the application,

Search Report from Ginger R. DeMille

system hardware, the operating system and...

...data according to preset parameters; the Reporter, which produces reports; and the Advisor, which makes **recommendations** for tuning and enhancing the **system**.

DBA\*Master for Windows enables a networked 386-based PC to remotely monitor and tune...

**15/3, K/96 (Item 3 from file: 275)**

DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01539264 SUPPLIER NUMBER: 12328079 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Telemanagement software: buyers guide. (includes related articles on specific products and software selection tips) (Teleconnect Roundup)  
(Buyers Guide)

Teleconnect, v10, n6, p108(33)

June, 1992

DOCUMENT TYPE: Buyers Guide ISSN: 0740-9354 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 13912 LINE COUNT: 01213

... batch reports run automatically overnight to save you time. While other systems require you to **install** system updates, Routemaster downloads those updates via modem without any need for user intervention. Complete...inventory control, network management, cable/wire management, service orders/trouble tracking, directory-/inventory

Operating Environment: **Installed** : PC, DOS, UNIX LAN and DEC VAX/VMS

Price: From \$1,450

CGFs (King of...)

...to see, reducing the occurrence of information overload. The system was made to be easily **installed** by the customer and CSI provides complete telephone support.

Computer Information Systems

Telephone Tracking System...

...the system by toggling between scale drawings, schematics and text screens. Additional modules for this **system** include route **recommender** , which provides a quick path search between nodes based on user defined criteria and work...

...generation; and the estimation and quotation module which allows the user to supply costs, margins, **installation** time, supplier details, etc. for job costing. The system's built-in CAD component is...Environment: IBM PC or compatible

Price: From \$395

Enhanced Systems' (Norcross, GA) Callsort handles small **installations** of less than 50 extensions to more than 500. It provides a wide array of...from a single department to campus environments, and even global networks. Effective for network planning, **installation** , renovation, and change management, Command provides a complete record of your communications network.

It's...that calls be costed a number of ways (AT&T, MCI, Sprint, RX, WATS, etc.). **Installation** of Call Accounting is easy since the software features autoconfiguration, which automatically updates the system...

Operating Environment: IBM PC or compatible

Price: \$4,500 and up, depending upon size of **installation**

Telecorp's (Walled Lake, MI) software uses function keys to call up

Search Report from Ginger R. DeMille

menus, and to...s (Berwyn Heights, MD) LANScan is LAN asset management software that automatically inventories the resources **installed** and operating throughout a network. It identifies such items as CPU type, base memory, version...within the last year. These customers can help you understand what to expect during your **installation**. Be sure everyone listed is not from a single industry, unless your organization is also... Barbara, CA) recently introduced Basic Call Accounting (BCA), a PC-based program that tracks phone **usage** for up to 100 extensions.

The software **collects** call **data** from any PBX that has SMDR capability. Since the program runs in the background, the...

...programmable rate tables and grace periods, a PMS interface, flexible room surcharges, and menu-driven **installation** and operation. The system is priced at \$600. 904-878-3000.

MATERINITY HOSPITAL

A young...

**15/3,K/97 (Item 4 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01291241 SUPPLIER NUMBER: 07130330 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
IBM's CICSpars "can't hold a candle to Candle's Omegamon, Landmark's Monitor."

Ring, Katy  
Computergram International, n1136, pELECTRNC ED  
March 15, 1989

DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 388 LINE COUNT: 00032

TEXT:

...different countries and cover a wide range of software and hardware environments. Nearly every IBM **installation** While CICS is undoubtedly a steady revenue earner for IBM and is found in nearly every IBM and IBM--compatible mainframe **installation** throughout the world, IBM has yet to measure up to the market challenge posed by...

...taking 51.7% of the market share, and Candle retaining 35.8%. the users' survey **suggests** that these two **products** predominate because of their merits rather than because of their advantage in early market penetration: Omegamon/CICS is declared unrivalled on threshold warning, problem analysis, bottleneck identification, and identifying over-consumption , while the Monitor For CICS is pronounced the leader in historical **data collection** , batch reporting, job accounting, and graphical data display. IBM's CICSpars version 1 is described by the survey's editor as being "horrendous to **install** ", although he added that the MVS and DOS/VSE versions were an improvement. The CICS...

**15/3,K/98 (Item 5 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01254898 SUPPLIER NUMBER: 07000749 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Automating the media center.**

Holloway, Mary A.  
T H E Journal (Technological Horizons in Education), v16, n2, p95(5)  
Sept, 1988

Search Report from Ginger R. DeMille

ISSN: 0192-592X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2550 LINE COUNT: 00209

... an Okidata 84 printer and two light pens. As a result of the project findings, **equipment recommendations** are to purchase an MS-DOS machine for the automation. This choice has the operating...books and resources. Secondly, the automated system speeds the ongoing inventory/accounting process for the **collection**. Finally, the **data** on the **collection usage** provided by the automated system helps with decisions for weeding titles and making new purchasers...

15/3,K/99 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou. (R)  
(c) 2004 The Gale Group. All rts. reserv.

01057883 Supplier Number: 40217597 (USE FORMAT 7 FOR FULLTEXT)  
**BYVIDEO INTRODUCES IPOP -- INTERACTIVE POINT-OF-PURCHASE DISPLAYS**

News Release, p1  
Nov 20, 1987  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 598

... logos  
... and pictures to the customer. The units pose questions to gather information and then **recommend** specific styles or types of **product**

Customers interact with the system by pressing keys on a membrane keyboard.

The interactive visual...

...calendar to  
update promotional messages and rebate campaigns; and a database management system for the **collection** of **usage** statistics and customer demographic **data**.

**BYVIDEO UNVEILS IPOP/3-3-3-3**

In addition, both the audio and visual units...

...visual and digital audio models can be integrated into current or customized displays or be **installed** as stand-alone, shelf edge, or wall-mounted units.

ByVideo Inc. also manufactures customized interactive...

...video merchandising centers for in-store use. All projects are managed from initial concept through **installation** and the videos are produced in the company's state-of-the-art \$1.9...

15/3,K/100 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou. (R)  
(c) 2004 The Gale Group. All rts. reserv.

01029721 Supplier Number: 39917420 (USE FORMAT 7 FOR FULLTEXT)  
**Innovations in computer software developed at Battelle's Pacific Northwest**

Search Report from Ginger R. DeMille

**Laboratories are saving time and money in energy conservation studies for the Bonneville Power Administration.**

PR Newswire, pN/A

Dec 30, 1986

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 533

... The Battelle system is currently used to verify that energy monitoring equipment is being correctly **installed** at nearly 600 residential and commercial buildings throughout the Pacific Northwest. The Logger Verification Assistant **system** diagnoses **installation** problems and **recommends** corrective action.

Battelle engineers developed data-logging devices to help the Bonneville Power Administration study...

...identify how residential and commercial consumers use electricity.

The microprocessor-controlled data loggers are being **installed** as part of BPA's End-Use Load and Conservation Assessment Program.

The loggers are programmed to measure and record electrical **consumption** for more than 50 individual uses as well as to **collect data** on indoor and outdoor air temperatures, humidity, wind speed, wind direction and solar flux. Data...

...via

telephone lines to a central computer at Battelle in Richland, Washington, for analysis.

"The **installation** of these energy monitoring devices is a complex process" said Steven C. Laufmann of Battelle's Applied Physics Center. "We must be sure that the loggers are correctly **installed** to guarantee data accuracy," he added.

"Currently, Battelle researchers are spending an average of eight hours to verify each residential **installation** and confirmation of commercial building **installations** takes approximately four days," said Laufmann. "The LVA system will significantly reduce the amount of..."

...base," which consists of a series of computer "rulebases," to review both a site's **installation** configuration and a sample of the data collected by the logger. One group of rulebases determines what problems, if any, exist at the **installation** site and suggests probable causes. A second group of rulebases, which contains information about the goals and priorities of the **system**, analyzes the potential problems and **recommends** corrective actions. Finally, a series of reports are produced which document the resulting problems and...

15/3,K/101 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

2884049 Supplier Number: 02884049 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
For Whose Eyes Only?

(Web sites try to balance consumers' desire for personalized content with privacy concerns)

Search Report from Ginger R. DeMille

Internet Retailer, v 2, n 6, p 40+

July 2000

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1853

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Alexa collects more information from its users than company executives have acknowledged. Alexa says zBubbles **collects** Web traffic and **usage data** anonymously, but plaintiffs claim the service tracks full Web addresses and query strings that might its customers and to better cross-sell and **recommend products** based on hair, eye and skin color.

"Cookies are extremely important for this process because...

**15/3,K/102 (Item 1 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

13507200 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**UES Restructuring Plan Full of Holes**

Gianguidi Piani

MOSCOW TIMES

July 18, 2000

JOURNAL CODE: WTMT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1254

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... only in cash and at municipal outlets?

Market liberalization requires a huge infrastructure for the **collection**, transmission and processing of energy **consumption data** and f last but not least f an efficient banking system able to perform countrywide...

... of production scheduling and price setting for both electricity and heat? The draft plan simply **suggests** the decommissioning of uneconomic **generators** and calls for a "liberalized market for heat," without specifying what such a market should...

**15/3,K/103 (Item 2 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

13159333 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Network management software - Counting the cost.**

Dave Mitchell.

NETWORK NEWS, p31

October 04, 2000

JOURNAL CODE: WNNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 5983

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... three servers with Windows NT4/SP6, Windows 2000 Advanced Server and Novell NetWare 5.0 **installed** respectively. Management console duties

Search Report from Ginger R. DeMille

were handed to a PII 266MHz system with 128Mb of Ram...

... AttachMate provides a small utility that can be run first to confirm this. During agent **installation**, users can control allowable levels of access.

They can decide on an identifying name for...

... interrogated from the Central Console. Many administrators will want to maintain consistency so a silent **installation** option can be selected during agent building.

The Central Manager interacts directly with the agents...

... large networks this can become complex so other PCs can have a Branch Manager agent **installed** which allows them to look after their own area of the network and also create and store agent **installation** files.

These PCs take their instructions from the Central Manager and pass them on to...

...Windows Device Manager will show up in the inventory.

It even shows devices that are **installed** but not working due to a conflict or missing driver. Software identification was also very...

... modified although Win95 and 98 users will require the Windows Remote Registry Service to be **installed** first.

Many administrators use system policies to customise user desktops and restrict access to certain...

... run on a clean machine as it uses before and after snapshots of a product **installation** to build a package. The next step is to create distribution scripts using the package editor tool that contains instructions for the local agent to run.

Along with application **installation**, you can also run custom registry commands, add or delete program groups, run other applications...

...NETWIZARD 4.1.2 FROM GBP 65

Availability: Attachmate (0118) 912 4000

[www.attachmate.com](http://www.attachmate.com)

**Installation** : 4

Ease of Use: 3

Documentation: 4

Features: 3

Value for money: 4

OVERALL RATING... a full network backup strategy and manage multiple backup servers from a single system.

ManageX **installation** starts at the designated Master system from where all network administration is to be carried...

...device and application information from managed systems.

This requires the Windows Management Interface to be **installed** on NT systems, and this is included on the ManageX CD-ROM. We found the...

...neatly collected in an Explorer style interface. Managed systems require a Smart Broker background utility **installed** before they can be accessed from the Master Console but this can be deployed over...

... your NT servers, 2000 systems or those running IIS, for example, and make multiple selections. **Installing** the Smart Broker is simple as you pick the recipient systems from the Device Selector, choose the **installation** routine from the list of administrative tasks and go..

A Command Queue window is also...

Search Report from Ginger R. DeMille

... then runs a communications test on the NetWare servers and, if this fails, will automatically **install** an agent which consists of a couple of NLMS and an SNMP map file.

There...

...INFO

HP OPENVIEW EXPRESS GBP 13,618

Availability: Hewlett Packard (0990) 474747

www.hp.com

**Installation** : 2

Ease of Use: 2

Documentation: 3

Features: 4

Value for money: 3

OVERALL RATING... agents loaded locally on each system. Agent deployment can use a simple login script to **install** them automatically.

Prior to loading the agents you can decide the functions you want to

...

... unimpressive. Our Windows 2000 Professional system, for example, had both Adaptec and Mylex SCSI controllers **installed** and yet LANdesk failed to identify either of them by name.

A useful feature is...

... search times and requires a separate console running on a Windows NT or Win95/98 **system** but it is only **recommended** for networks that exceed 2,500 nodes.

Virus scanning is an invaluable feature and LANdesk...

...before interaction with the management console is possible.

Software distribution requires Intel's Package Builder **installed** which monitors an **installation** on a clean machine, identifies all the changes and creates a package from the differences...

...INFO

INTEL LANDESK MANAGEMENT SUITE FROM GBP 625

Availability: Intel (01793) 431155

www.intel.com

**Installation** : 3

Ease of Use: 3

Documentation: 3

Features: 4

Value for money: 3

OVERALL RATING 3

MICROSOFT

SYSTEM MANAGEMENT SERVER 2.0

"Basic **installation** is surprisingly simple"

Early versions of System Management Server (SMS) suffered from a lack of...

...client support for all versions of Windows 2000.

Management tools

The Service Packs modify the **installation** CD-ROM image and this is then used to upgrade SMS. However, applying SP2 to an existing SMS **installation** is no simple task, as all the changes it makes must be deployed throughout the...

...inventory data.

Note that SP2 must be deployed to add support for SQL Server 2000.

Search Report from Ginger R. DeMille

**Installation** can be speeded up considerably by selecting an Express Mode which requests the SQL Server...

...the SMS management console are placed beneath and also require a copy of SQL Server **installed**. Further down the hierarchy are secondary sites that have no administrative capabilities and do not...

... as staging posts for forwarding information about the sub-sites they control.

Once SMS is **installed**, network resources can be collected immediately but, to be fully integrated into SMS, they will require a group of client services **installed** locally.

**Installation** can be forced with a login script and SMS can generate these if required. Hardware...

...need to designate SMS sites as metering servers.

An off-line mode simply monitors application **usage** and **collects** **data** for reporting purposes while an on-line mode forces clients to contact a metering server...

...patch you need to create a package containing all the relevant files and instructions for **installing** the software. These are then linked to collections so the package can be directed at...

... them in a well-designed and intuitive interface. Inventory is particularly good and the basic **installation** is surprisingly simple.

PRODUCT INFO

MICROSOFT SYSTEM MANAGEMENT SERVER 2.0 FROM GBP 1,006

Availability: Microsoft (0345) 002000

[www.microsoft.com](http://www.microsoft.com)

**Installation** : 3

Ease of Use: 2

Documentation: 4

Features: 3

Value for money: 3

OVERALL RATING...

... as well. Note that the designated ManageWise server must be running NetWare 5 or later.

**Installation** kicks off from a workstation loaded with the latest NetWare client software and is nicely streamlined. The ManageWise components are loaded onto the selected server, the Pervasive SQL database is **installed** and configured and the management console is loaded at the same time.

Some post- **installation** work is required but the procedures are clearly explained in the documentation. Local utilities are...

... and remote control but these are easily deployed with a system login script created during **installation**. Just add each user to the ManageWise NDS group and the software will be automatically...

...modifications are only posted in a log file.

Any server with the appropriate management agent **installed** can be accessed from the console. There's plenty of detailed information to hand such...2.7 SERVER 2.0 FROM GBP 795

Availability: Novell (01344) 724100

[www.novell.com](http://www.novell.com)

**Installation** : 3

Ease of Use: 3

Search Report from Ginger R. DeMille

Documentation: 2

Features: 3

Value for money: 2

OVERALL RATING...

...alerting system.

Compared with some of the products on review, it is remarkably easy to **install** and use as it comprises only three main components. A single Management Server sits at...

...or be spread out across the network.

Finally, all managed systems require an agent utility **installed** before they can be accessed. Tivoli supports a wide range of platforms as, along with...

...2 and AS/400 systems.

Agent deployment is not the slickest though as the documentation **suggests** you go round to each **system** and load them from the CD-ROM. An unattended **installation** is an option but the ability to automate agent deployment is not discussed in any...

...also supports static and dynamic groups.

Inventory accuracy was very good with all the OSs **installed** on our test systems correctly identified. A large dictionary is supplied for software identification and...

... a useful feature is that it allows packages to be created for products that use **InstallShield**. A Wizard is provided but all you need to do is select the **installation** executable for the application to be distributed and associate it with an **InstallShield** response file.

Normally, the latter is included with the application setup files but you can create one manually by using **InstallShield** command line parameters listed in the manual. You can also use Microsoft Package Definition Files for batch **installations**. Once you have created a package it can be linked easily to users simply by...

...CLIENT LICENSES GBP 45 EACH

Availability: Tivoli Systems (UK) Ltd (01753) 780000

[www.tivlo.com](http://www.tivlo.com)

**Installation** : 3

Ease of Use: 3

Documentation: 2QQ) Features: 3

Value for money: 4

OVERALL RATING...Console and can be running Win95/98/NT or any version of Windows 2000. We **installed** our test Console on a Windows 2000 Advanced Server system where it worked without any...

...control the execution of jobs and also collect inventory data.

All nodes with LANUtil32 clients **installed** are displayed in the main Console windows for easy selection. For easier management you can create groups based on a wide variety of criteria such as the **installed** OS, hard disk space, **installed** software or processor type.

The level of detail provided in the hardware inventory is overwhelming

...

... limited than other products as you determine which nodes are allowed to have certain packages **installed**.

Any client that is running an application that is not declared to LANUtil32 will be...

Search Report from Ginger R. DeMille

... used to create a package definition file containing details on how a product should be **installed**, a Wizard which ensures the package is delivered to the appropriate clients and a distribution...

... support tool. Users who wish to take over another PC must have the Control component **installed** while the Client portion needs to be loaded on workstations before they can be accessed.

**Installation** will take longer than most as there is no simple deployment tool such as those...

15/3,K/104 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

07363767 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Network management software benchtest - Taking hold of the reins.**

**Network management software should help you to recognise needs,**  
David Mitchell.

NETWORK NEWS, p101  
September 15, 1999  
JOURNAL CODE: WNNS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 4513

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... with all the required files, these utilities can download applications across the network and remotely **install** them. If things go wrong, you can view a user's system remotely, and assess...

... time honoured fashion, each workstation that interacts with NetWizard requires a locally loaded agent. The **installation** files can be placed in a shared directory on a server and loaded from a...

... on other PCs allowing them to look after their own local network and create agent **installation** files. The workload can be spread further by designating users as assistants and allowing them...

...a comparatively small dictionary.

If Windows 9x and NT users have the Remote Registry Service **installed**, NetWizard Manager can access registry settings and modify them from the console. A useful feature...

... separate utility called NetWizard Recorder, which also uses before and after snapshots of a manual **installation** on a clean system. A package editor then creates scripts using the information gathered by...

...support is limited and product is grossly overpriced.

Attachmate 01189 890390  
[www.attachmate-europe.com](http://www.attachmate-europe.com)

**Installation** : \*\*\*

Ease of use: \*\*

Features: \*\*\*

Value for money: \*

10 users: GBP 650

100 users: GBP 6,250

1000 users: GBP 59,000

OVERALL RATING \*

INTEL LANDESK

" **Installation** is smoother than in previous versions"

Search Report from Ginger R. DeMille

Although the Intel LANDesk Management Suite is available for...

... Workgroup Server or IBM DB2 to store data - all of which must be purchased separately.

**Installation** is smoother than in previous versions, as each component can be loaded and configured separately...in a queue to await the next available slot.

Software distribution uses pre- and post- **installation** snapshots of a manual **installation** carried out on a dedicated system. These are used to create a compressed package containing...

...reporting features, but virus control could be far better.

Intel (01793) 431155

[www.intel.com](http://www.intel.com)

**Installation** : \*\*\*

Ease of use: \*\*\*

Features: \*\*\*\*

Value for money: \*\*\*

10 users: \$1,000

100 users: \$6,250...

...to use.

The SMS console runs on a Windows NT Server system and needs SP4 **installed** as a minimum. It groups the network into a hierarchy of sites and sub-sites....

... and primary sites act as staging posts for forwarding information about sub-sites they control.

**Installation** is swift, as SMS now offers an Express Mode. Network resources, such as basic workstation...

... immediately - but to be fully integrated into SMS, they require a group of client services **installed** locally.

Hardware and software inventory is a swift process, and all gathered information is collated...

... You need to create a package which contains all the relevant files and instructions for **installing** the software. These are then directed at specific users or groups of systems.

Inventory is...

...all our test clients being correctly identified.

For licence control an off-line mode monitors **usage** and **collects** **data** for reporting purposes, while an on-line mode forces clients to contact a metering server...

...alternative to LANdesk and ManageWise.

PRODUCT INFO

MICROSOFT SMS V2

Huge range of management tools, **installation** has been simplified and inventory feature more accurate than previous versions. Still relies on SQL ...

... functions and virus protection - but software distribution and licence metering are not on the menu.

**Installation** is fairly straightforward as ManageWise makes most of the necessary changes and provides a to... analysis and performance monitoring.

Alarm notification could be better.

Novell 01344 724000

[www.novell.com](http://www.novell.com)

Search Report from Ginger R. DeMille

**Installation :** \*\*\*  
**Ease of use:** \*\*\*  
**Features:** \*\*\*\*  
**Value for money:** \*\*\*  
10 users: GBP 746  
100 users: GBP 3...

...abound with management features.

An unusual and unique inclusion is Snow Print, which deals with **installation** and management of networked printers. Remote control is also available and is provided by DanWare...

... by running the Snow Manager utility on a clean reference PC with no extra software **installed**. A Wizard then takes a baseline snapshot of the PC to record the status of files, registry entries and shortcuts. After the software has been **installed**, it takes another snapshot and builds a package from the differences.

When a PC is...

... If so, an icon will be placed on the desktop allowing users to initiate the **installation** process.

**Installation** is not helped at all by the sparse documentation, with not a word about client...

... documentation and has assured us that this is being dealt with as a priority.

After **installing** the Snow Print Manager, each client gets a new Start Menu icon. From here they...

...management. Extremely poor documentation in need of updating.

Aimtech 0181 894 7777  
[www.snow.no](http://www.snow.no)  
**Installation :** \*  
**Ease of use:** \*\*\*\*  
**Features:** \*\*\*  
**Value for money:** \*\*  
1-49 users: GBP 35 each  
10-99...

... own NetCensus and CentaMeter while Veritas WinInstall handles software distribution. The whole package can be **installed** in one go, but there is no integration between any of them.

We found WinInstall...

...taking a snapshot of a reference PC and then asks for the application to be **installed**. Once completed it takes another snapshot, compares the two and builds a distribution package from...No integration between the three products.

Tally Systems (+353) 1 846 3199  
[www.tallysystems.com](http://www.tallysystems.com)  
**Installation :** \*\*  
**Ease of use:** \*\*  
**Features:** \*\*\*  
**Value for money:** \*\*  
50 users (minimum): GBP 1,845  
100 users...

... will work on networks that use only NetWare servers - but they need the Microsoft Client **installed** along with either IPX, TCP/IP or NetBIOS networking.

Search Report from Ginger R. DeMille

We found the deployment of PC Duo quite painful, as no automatic **installation** option is provided. It can be **installed** from a shared directory, but this must be physically initiated at each PC.

Selecting PCs...

... but detailed inventory, excellent remote control. Comparitively expensive. Vector Networks 01827 67333 [www.pcduo.com](http://www.pcduo.com)

**Installation** : \*\*

Ease of use: \*\*\*

Features: \*\*\*

Value for money: \*

PC DUO

10 users: GBP 495

100 users...

...cluster requires its own manager, and all workstations must run an agent - which is easily **installed** from the login script.

A Product Wizard makes adding metered applications simple, and there are...

...all application licences are in use, users are placed in a queue.

Virtual hands on **Installation** is carried out by WinInstall. By comparing the differences between the before and after snapshots of a manual **installation**, it creates a package ready to be sent to users.

**Installation** can be automatic or manual.

The Proxy remote control utility can be used to take...

... must be running the Proxy Master while the target system requires the Proxy Host component **installed** - the latter of which has a number of security features, including password authentication.

WinLand, the...

... type of network. Data is collected by agents that are copied to the server during **installation**. As each workstation logs on, the agents are loaded and collect information about hardware, software...

... network monitoring but excellent inventory, distribution and licence control. Veritas 01932 876876 [www.veritas.com](http://www.veritas.com)

**Installation** : \*\*\*

Ease of use: \*\*\*

Features: \*\*\*\*

Value for money: \*\*\*

OVERALL RATING \*\*\*

Our verdict

The Best Buy: Intel with help desk tools and network monitoring facilities.

We also **Recommend** two **products**. Veritas DMS provides good all-round software distribution, inventory and help desk tools. Novell ManageWise...

15/3,K/105 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

05701555 (USE FORMAT 7 OR 9 FOR FULLTEXT)

NGOS SUGGEST ALTERNATIVES TO BAKUN DAM

BERNAMA THE MALAYSIAN NATIONAL NEWS AGENCY

June 10, 1999

JOURNAL CODE: FBNM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 429

Search Report from Ginger R. DeMille

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... group of non-governmental organisations (NGOs) calling itself "Coalition of Concerned NGOs on Bakun" has **suggested** the government implement **energy** saving measures and ensure the country's power stations operate at full efficiency as alternatives...

... energy saving measures.

"The country has to have an energy needs inventory, not just electricity **consumption** projections. This means the **collection** of reliable **data** on types of energy producable and the varying amounts used in the country, both domestic..."

15/3,K/106 (Item 5 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

01723618 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Intelspan's Intelicenter Provides Real-time VPN Administration**  
BUSINESS WIRE

May 26, 1998 8:16

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 610

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... with session information for de-bugging and customer support -- Dial-up user account administration, including **usage** monitoring and **data collection** for billing and network planning -- Monitoring the status of dedicated IP network connections, routers and...

... XWindows server; the Call Detail records are retrieved using FTP. A 586/100mhz 16 MB **system** or better is **recommended** in order to run this software properly. A private connection or Frame Relay PVC to...

15/3,K/107 (Item 1 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03969110 Supplier Number: 53003912 (USE FORMAT 7 FOR FULLTEXT)

**ECONOMIC RESEARCH SERVICE: Agricultural outlook -- Part II of II.**

M2 Presswire, pNA

August 24, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 8543

... price and income were the principal determinants of annual levels of consumption.

Annual per capita **consumption** of fat added to food has generally increased over time since **data collection** began in 1909. **Consumption** occasionally declined year to year, but it dropped for an unprecedented fourth consecutive year in...

...substantive arrest. Preliminary data for 1998 show total use of fats and oils in edible **products** trailing last year, which strongly **suggests** that per capita consumption will fall again this year.

Search Report from Ginger R. DeMille

Total use of fats and oils...

**15/3,K/108 (Item 2 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03900864 Supplier Number: 50074948 (USE FORMAT 7 FOR FULLTEXT)  
**Five new dietary ingredients firm plans to market may not be safe; 75-day premarket notifications posted for six new ingredients**  
Food Chemical News, v40, n12, pN/A  
May 11, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1380

... it disagrees with the company that Montanoa tormentosa, when used under the conditions recommended or **suggested** in the labeling of the **product**, will reasonably be expected to be safe. Malabar's submission contains information demonstrating that this...

...was economically driven to use more drugs for prophylactic use, explained Wegner.

Denmark used surveillance **data collected** on antimicrobial **usage** and on key pathogens, zoonotic agents and indicator bacteria to rank the drugs. Animal drugs...

**15/3,K/109 (Item 3 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01560946 Supplier Number: 42300597 (USE FORMAT 7 FOR FULLTEXT)  
**HOUSE ENERGY STAFF LISTS OPTIONS FOR RCRA REAUTHORIZATION BILL**  
Solid Waste Report, v22, n33, pN/A  
August 19, 1991  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 562

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...recycled from municipal solid waste, an internal House document says. The staff of the House **Energy** and Commerce Committee included the **suggestion** in a 31-page "option papers" report outlining preliminary proposals that committee members may want...  
... was that federal agencies, including Commerce under existing RCRA authorities, be required to "increase the **collection** and analysis of **data** on **consumption**, production and prices of materials recoverable from MSW." On the "pro" side, the report said...

**15/3,K/110 (Item 4 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01086625 Supplier Number: 40717910 (USE FORMAT 7 FOR FULLTEXT)  
**IBM's CICSPARS "CAN'T HOLD A CANDLE TO CANDLE's OMEGAMON, LANDMARK's MONITOR"**  
Computergram International, n1136, pN/A

Search Report from Ginger R. DeMille

March 15, 1989

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 368

**Nearly every IBM installation**

While CICS is undoubtedly a steady revenue earner for IBM and is found in nearly every IBM and IBM-compatible mainframe **installation** throughout the world, IBM has yet to measure up to the market challenge posed by...

...taking 51.7% of the market share, and Candle retaining 35.8%. The users' survey **suggests** that these two **products** predominate because of their merits rather than because of their advantage in early market penetration: Omegamon/CICS is declared unrivalled on threshold warning, problem analysis, bottleneck identification, and identifying over- **consumption**, while The Monitor For CICS is pronounced the leader in historical **data collection**, batch reporting, job accounting, and graphical data display. IBM's CICSpars version 1 is described by the survey's editor as being "horrendous to **install**", although he added that the MVS and DOS/VSE versions were an improvement. The CICS...

**15/3,K/111 (Item 1 from file: 810)**  
DIALOG(R) File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0435900 BW1144

**DIGITAL EQUIPMENT 2: System Healthcheck for Novell Netware and SunOS From Digital Equipment Corporation**

October 12, 1994

Byline: Business Editors

...consultation with a Digital specialist to discuss the report findings and to assist in planning **recommended** actions.

**System** Healthcheck is a worldwide service offering. Reports generated are available in multiple languages.

System Healthcheck...

...Collection

- Analysis
- Follow-up Consultation

Areas analyzed are:

- System Configuration
- System Operations
- System Security
- File **Usage**
- System Performance and Availability

**Data Collection** The system is monitored while in operation.  
**Data**

is collected by the customer using a series of diagnostic disks contained in a System...

**15/3,K/112 (Item 1 from file: 13)**

DIALOG(R) File 13:BAMP  
(c) 2004 The Gale Group. All rts. reserv.

Search Report from Ginger R. DeMille

1190822 Supplier Number: 02703262 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The Personalization Trifecta**

(The three pillars of powerful Web personalization are integration of disparate data, scalability to accommodate increasing data volumes, and timely sophisticated analysis)

Article Author(s): Utzschneider, Rob

DM Review, v 10, n 12, p 34,36,44

December 2000

DOCUMENT TYPE: Journal ISSN: 1521-2912 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2445

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...acts upon the models and profiles obtained through analysis and dynamically serves customized content (links, **products**, **recommendations**, ads, services, pricing offers, etc.) to individual visitors. However, developing and managing this relationship presents...of Web usage data and the ability to handle massive volumes of clickstream and offline **data** in a timely fashion.

Web **usage** mining strives to make sense of this information by analyzing the clickstream information **collected** in Web server logs, referrer logs, user registration forms and purchase **data**. Web **usage** mining helps e-marketers determine the lifetime value of customers, cross-market products, up-sell...

**15/3,K/113 (Item 2 from file: 13)**

DIALOG(R)File 13:BAMP

(c) 2004 The Gale Group. All rts. reserv.

1147834 Supplier Number: 02258304 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Horizontal Mechanisms under Differing IS Organizational Contexts: Part 5 of 5 parts**

(New organizational mechanisms help IS departments collaborate across corporate/division boundaries)

Article Author(s): Brown, Carol V

MIS Quarterly, v 23, n 3, p 421-454

September 1999

DOCUMENT TYPE: Journal ISSN: 0276-7783 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2347

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...federal IS governance are likely to implement horizontal mechanisms to coordinate corporate and decentralized IS **units**. The study offers the following **recommendations** : firms with centralized or federal IS structures should implement horizontal mechanisms to break down the...

TEXT:

...managers, but not all division managers, provided e-mail services. However, at the time of **data collection**, its **usage** for internal communication was not as large as expected in the near future.

Category #4...

~ ~, ~  
Search Report from Ginger R. DeMille

**15/3,K/114 (Item 3 from file: 13)**

DIALOG(R)File 13:BAMP

(c) 2004 The Gale Group. All rts. reserv.

1147831 Supplier Number: 02258291 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Horizontal Mechanisms under Differing IS Organizational Contexts: Part 2 of 5 parts**

(New organizational mechanisms help IS departments collaborate across corporate/division boundaries)

Article Author(s): Brown, Carol V

MIS Quarterly, v 23, n 3, p 421-454

September 1999

DOCUMENT TYPE: Journal ISSN: 0276-7783 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3480

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**ABSTRACT:**

...federal IS governance are likely to implement horizontal mechanisms to coordinate corporate and decentralized IS units. The study offers the following **recommendations** : firms with centralized or federal IS structures should implement horizontal mechanisms to break down the...

**TEXT:**

...a two-boss reporting structure (e.g., Brown and Magill 1994; Von Simson 1990). This **suggests** that cross- unit integrators may be implemented in either centralized or federal IS contexts, serving either a BU...

...governance contexts. A case research methodology was therefore chosen for this study in order to **collect** rich descriptive **data** on mechanism **usage** . The case research approach also allows the researcher to take advantage of unique case features...

**15/3,K/115 (Item 4 from file: 13)**

DIALOG(R)File 13:BAMP

(c) 2004 The Gale Group. All rts. reserv.

1128018 Supplier Number: 02040180 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Relating Products to TV Program Clusters: Part 3 of 3**

(Article examines selection of a TV program mix related to **product** ownership; analysis **suggests** programs can be selected in clusters based on product ownership for most car categories)

Article Author(s): Assael, Henry; Poltrack, David F

Journal of Advertising Research, v 39, n 2, p 41-52

March 1999

DOCUMENT TYPE: Journal ISSN: 0021-8499 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1213

(USE FORMAT 7 OR 9 FOR FULLTEXT)

(Article examines selection of a TV program mix related to **product** ownership; analysis **suggests** programs can be selected in clusters based on product ownership for most car categories)

**TEXT:**

...programs on a nationally representative basis is the Nielsen Television Index. Besides automobile ownership, NTI **collects** **data** on ownership of

Search Report from Ginger R. DeMille

videogames, microwaves, TV sets by type and brand, and **consumption** of bottled water, soft drinks, coffee, tea, and table wine. Although these categories are useful...

15/3,K/116 (Item 5 from file: 13)  
DIALOG(R)File 13:BAMP  
(c) 2004 The Gale Group. All rts. reserv.

1033112 Supplier Number: 00884938 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Alphabet Soup**  
(US shippers will get faster, cheaper air cargo service in next 5 years if US customs service gets on board)  
Article Author(s): Bowman, Robert J  
World Trade, v 8, n 3, p 44,46,48+  
April 1995  
DOCUMENT TYPE: Journal ISSN: 1054-8637 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1587

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...not to get in the middle of an AMS link, the airport is pursuing electronic **technology** on other fronts.

Rystrom **suggests** that forwarder reluctance has stalled development of some electronic systems, especially those at ports and...to link up with FAA as part of a noise-monitoring program, and Deweerd says **data collected** from that effort theoretically could be used for assessing **usage fees** as well. Information gathered by Air, Inc. is more detailed and complete, Deweerd says...

...on high-tech solutions for more than communications. At Seattle-Tacoma International Airport, a recently **installed** computerized lighting system allows planes to land in dense fog, with no more than 300...

15/3,K/117 (Item 1 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
(c) 2004 The Gale Group. All rts. reserv.

00214750 SUPPLIER NUMBER: 20522755 (USE FORMAT 7 FOR FULL TEXT)  
**Out of the lab and onto the table. (biotechnology) (includes related article on General Nutrition Cos Inc's market strategies)**  
Cottrill, Ken  
Journal of Business Strategy, v19, n2, p38(5)  
March-April, 1998  
ISSN: 0275-6668 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 14037 LINE COUNT: 01310

...ABSTRACT: be used to improve the health and nutritional values of supermarket items and develop new **product** categories. Scientists and marketers are **suggested** to engage in research and development efforts to promote a different marketing concept. The marketing...

... 3 examined  
whether any of the emotions from this broader domain rarely occur in the **consumption** context. Survey methods were used.  
**Data Collection**  
Measures. Separate survey forms were developed to elicit

Search Report from Ginger R. DeMille

reports for four different **consumption** situations similar to those used in study 1. Study participants answered several open-ended questions...further reduce the emotion descriptor set while still capturing the diversity of emotions experienced during **consumption**.

**Data Collection**

Measures. Separate survey forms were developed to elicit reports for four types of **consumption** situations: a recent important purchase, a recent unsatisfactory purchase, a special possession, or a purchase...efficacy of the CES with that of other emotion measures in representing the range of **consumption** -related emotions.

**Data Collection**

Two surveys were carried out through similar methods. In survey 1, the questionnaires included the...

15/3,K/118 (Item 2 from file: 75)  
DIALOG(R)File 75:TGG Management Contents(R)  
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00164914 SUPPLIER NUMBER: 14522952 (USE FORMAT 7 FOR FULL TEXT)  
**The mature brand and brand interest: an alternative consequence of ad-evoked affect.**  
Machleit, Karen A.; Allen, Chris T.; Madden, Thomas J.  
Journal of Marketing, v57, n4, p72(11)  
Oct, 1993  
ISSN: 0022-2429 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 7397 LINE COUNT: 00650

...ABSTRACT: evoked effect is uncorrelated to brand attitudes in the period after initial exposure to the **products**. These findings **suggest** that the brand interest construct is significant for the study of mature products, especially those...

... as an indirect consequence of brand interest. Testing such a causal sequence would require longitudinal **data collection** incorporating **usage** experience as part of the research design.

Directions for Further Research  
Additional empirical work would...

?

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      (c) 2004 Gale Research Inc.
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      (c) 2004 The Gale Group
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      (c) 1999 Electric Power Research Inst.Inc
File 248:PIRA 1975-2004/Apr W1
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(c) 2004 European Patent Office  
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(c) 2002 The Gale Group

Set	Items	Description
S1	476	(ENERGY OR POWER) (3N) (SERVICE OR CONSULTANT OR CONSULTING - OR RECOMMEND? OR SUGGEST?) (S) (INSTALL?) (S) (ANALYZ? OR ANALYS? OR TRACK? OR MONITOR?) (S) (UPGRADE? OR UPGRADED OR NEW OR REPLACEMENT OR REPLACE)
S2	194	S1(S) (EQUIPMENT OR MACHINE OR DEVICE)
S3	116	S2(S) (USE OR USAGE)
S4	39	S3(S) (INSTALLATION)
S5	7	S4 AND (ENERGY OR GAS OR ELECTRICITY OR FUEL) /TI
S6	6	RD (unique items)
S7	0	S4 AND CONSULTANT/TI
S8	0	S4 AND CONSULTING/TI
S9	201570	(INSTALL?) (2N) (EQUIPMENT OR MACHINE OR DEVICE)
S10	48	S1 AND S9
S11	38	S10 NOT PY>2000
S12	28	RD (unique items)
S13	63	S4 OR S12
S14	47	S13 NOT PY>2000
S15	44	RD (unique items)

? t15/3,k/all

>>>KWIC option is not available in file(s): 241

Search Report from Ginger R. DeMille

15/3,K/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02096353 INSPEC Abstract Number: A83079887, B83046655

**Title: Plant electrical equipment class 1E qualification: an old problem**

Author(s): Redgate, H.V.; McGrath, T.J.

Author Affiliation: Stone & Webster Engng. Corp., Cherry Hill, NJ, USA

Journal: Nuclear Safety vol.24, no.2 p.205-10

Publication Date: March-April 1983 Country of Publication: USA

CODEN: NUSAAZ ISSN: 0029-5604

Language: English

Subfile: A B

**Abstract:** Outlined are the rationale behind the need to qualify safety-related equipment in nuclear **power** plants and a **suggested** method of handling the document requirements from initial specification writing to final **equipment installation**. Both the requirements as specified by the Nuclear Regulatory Commission in its general design criteria...

... of all testing data are discussed. A surveillance and testing program designed to control and **monitor** maintenance or **replacement** of safety-related equipment to maintain qualification is discussed.

15/3,K/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

01934138 INSPEC Abstract Number: A82097280, B82054642

**Title: Acoustic noises radiated in the environment by telecommunications equipment power supplies**

Author(s): Battini, M.; Casale, R.; Caviglia, F.; Giavelli, A.

Author Affiliation: CSELT, Torino, Italy

Journal: CSELT Rapporti Tecnici vol.10, no.1 p.57-61

Publication Date: Feb. 1982 Country of Publication: Italy

CODEN: CSELBY ISSN: 0390-1815

Language: English

Subfile: A B

**Abstract:** Electronic **equipment** installed in telecommunication stations can generate acoustic noise, both audible and ultrasonic. In modern all-electronic...

... setting suitable limits for the acoustic noise. This work results in a point of the **new** CEPT **recommendation** on **power** supply. The adopted measuring procedure is based on a 1/3 octave band **analysis** and the proposed limits take into account the presence of many converters in the same...

15/3,K/3 (Item 1 from file: 6)

DIALOG(R) File 6:NTIS

(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1680358 NTIS Accession Number: DE92016825

**Electric load monitoring to support a shared energy savings procurement at the US Maritime Administration Merchant Marine Academy**

Armstrong, P. R. ; Parker, G. B.

Search Report from Ginger R. DeMille

Battelle Pacific Northwest Labs., Richland, WA.  
Corp. Source Codes: 048335000; 9512268  
Sponsor: Department of Energy, Washington, DC.  
Report No.: PNL-8121  
Jun 92 60p  
Languages: English  
Journal Announcement: GRAI9224; ERA9251  
Sponsored by Department of Energy, Washington, DC.  
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NTIS Prices: PC A04/MF A01

... demand of three large buildings at the US Merchant Marine Academy (MMA) on Long Island, New York. The selected buildings were Bowditch Hall, Fulton-Gibbs Hall, and the Library. The MEL **equipment** was **installed** on March 17, 1991. Instruments to **monitor** the Bowditch Hall chiller as a separate load were added on June 2, 1991. MEL Test Procedure (number sign)1, Building Energy **Monitoring**, was followed in the **installation** and operation of the **monitoring** equipment. The **monitoring** objectives were to (1) provide a baseline for assessing energy savings resulting from future energy conservation measures that are to be implemented in the **monitored** buildings, and (2) provide information for **recommending** cost-effective **energy** conservation opportunities. Results of the long-term, whole building **monitoring** project at the MMA are presented in this report.

15/3,K/4 (Item 1 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01691293 03-42283  
**Save money on electricity before deregulation**  
Voight, Keith  
Nursing Homes v47n8 PP: 31-33 Aug 1998  
ISSN: 1061-4753 JRNL CODE: NHS  
WORD COUNT: 1126

...TEXT: take for an investment to pay for itself in energy savings or avoided costs. An **analysis** audit will provide reliable projections over a period of time. The "Managing Energy in Your...

... from the utility or equipment manufacturer. Some suppliers offer guaranteed performance contracts to assure that **new** equipment will pay for itself with improved energy use. Utilities may offer rebate programs for implementing audit **recommendations** or **installing** **energy** -efficient **equipment**. The Edison Electric Institute's Customer Assistance Program offers a Windows-based diskette database with...

15/3,K/5 (Item 2 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01606811 02-57800  
**Unbundling electric discos: Overseas and at home**  
Faruqui, Ahmad; Kirsch, Laurence D  
Public Utilities Fortnightly v136n7 PP: 40-45 Apr 1, 1998

Search Report from Ginger R. DeMille

ISSN: 1078-5892 JRNL CODE: PUF  
WORD COUNT: 2491

...TEXT: purchasing these services from subcontractors through competitive processes.

Unbundling has led to the introduction of new services, some of which are listed in Table 2. For example, new services in Australia include improved power quality control, sub-metering, energy analysis and reporting, lighting, power factor corrections, and consulting and financing services to customers who install energy-saving equipment.

(Table Omitted)

Captioned as: Table 1.

The meaning of "unbundling" can vary among nations, even...that together comprise delivered power. It may encourage the development of billing systems and the installation of equipment (notably meters) that have costs in excess of value. It may complicate consumers' buying decisions...

**15/3,K/6 (Item 3 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01393045 00-44032  
**Underground line crosses historic site**  
Munley, Robert; Malten, Kenneth C  
Transmission & Distribution World v49n2 PP: 26-32 Feb 1997  
ISSN: 1087-0849 JRNL CODE: TMD  
WORD COUNT: 2480

...TEXT: overall manager. Jason Consultants International, Inc. of Washington, DC, U.S. acted as trenchless technology consultant; Power Delivery Consultants, Inc. of Ballston Lake, New York, U.S. provided underground cable system expertise; Geotherm, Inc. of Newmarket, Ontario, Canada performed thermal analyses of the soils and drilling mud; Flippo Construction Co., Inc. of Forestville, Maryland was general contractor for the installation and Kinnan Engineering, Inc. of Camas Valley, Oregon, U.S. was the drilling subcontractor. The...be carried. In this way, ratings could be closer to the values desired by BGE.

#### **Installation Method and Equipment**

The drilling machine selected for the project had to be powerful enough to drill the...

... the 24-inch diameter conduit bundle and small enough to be used in an urban installation. The selected machine (Fig. 3) was supplied by Kinnan Engineering. Slightly larger than a standard mini-rig commonly... decided to drill eight separate 6-inch diameter holes, using a mini-guided horizontal drilling machine to install individual conduits in place of the conduit bundle. Eight bores, 350-ft (106.6 m...).

**15/3,K/7 (Item 4 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01030828 96-80221

**ESCO evolution**

Braunstein, Leslie  
Electric Perspectives v20n3 PP: 32-52 May/Jun 1995  
ISSN: 0364-474X JRNL CODE: ELP  
WORD COUNT: 4102

**ABSTRACT:** For electric utilities, **energy service** companies (ESCO) offer tantalizing potential - as sources of nonregulated revenue, ways to maintain demand-side...

... operate with or without DSM - even without utilities. The typical ESCO package of services includes **analyzing** the customer's needs, designing equipment modifications or replacements, **installing** the new **equipment**, and usually **monitoring** and maintaining the improvements. In a very real way, the ESCO bundles energy services for...

...TEXT: typical package of services includes analyzing the customer's needs, designing equipment modifications or replacements, **installing** the new **equipment**, and usually monitoring and maintaining the improvements. In a very real way, the ESCO bundles...selling its own equipment. "In a typical performance contract, less than 10 percent of the **equipment** we **install** is manufactured by Honeywell," said public relations manager Irene Silber. "A good ESCO should be..."

**15/3,K/8 (Item 5 from file: 15)**  
DIALOG(R) File 15:ABI/Inform(R)  
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00750606 93-99827  
**20th annual buyers' guide**  
Anonymous  
World Wastes v36n8 PP: 73-111 Aug 1993  
ISSN: 0745-6921 JRNL CODE: WWA  
WORD COUNT: 33087

...TEXT: Containers) Acker Drill Co., Inc. (AD II, SOIL MAX, SOIL SENTRY) (Auger Drill Rig) Advance **Machine** Co. (RETRIEVER, HYDRORETRIEVER, POWER-FLO) (Industrial Floor Maintenance **Equipment** -Scrubbers, Sweepers) Advanced Polymer Scientifics (Corrosion Resistant Coatings) Advantage Lift Systems, Inc. (Vehicle Lifts) Air...

...Engineering (MICRODOSE(R)100L) (X-Ray Scanner) Ameri-Shred Corp. (Mobile Document Destruction) Ameron (Landfill **Monitoring** Eqpt.) Amfab Resources/Harris Group (RETRIEVER) (Bale Dewiring Systems) Anarad, Inc. (Continuous Emissions **Monitoring** Systems) Anti Hydro Co. (A-H EMERY (TM)EMERUNDUM(TM), A-H IRONTOP) (Tipping Floors...

...Inc. (Video Training) awl (Zero Speed Switches; Conveyor Speed Switches; Proximity Sensors; 4-Zoma Speed **Monitors** ; Motion Detectors) Balemart, Inc. (Recycling Systems) Balemart Int'l (Drum Crushers, Drum Packer/Crushers) Basic... Service (Environmental, Regulatory, Material Safety Databases and Data Sheets, CAS Registry Number) Chicago Truck Cover & **Equipment** (Tarpaulins, Mechanized) Cives Recycling, Inc. (Drum Crusher/Packers) Clarke, Inc. (Landfill Flares & Ignitors) James Clem...

... CLAYMAX 200R, CLAYMAX 500SP) (Landfill Liner, Geosynthetic Clay Liner) Colloid Environmental Tech. Co. (PURE GOLD) ( **Monitoring** Well **Equipment** . Drilling Fluids & Bore Hole Sealants) Columbia Scientific Industries Corp. (X-MET(R)) (Field Portable X-ray **Analyzer** for In-Sit **Monitoring** of Inorganic Waste Materials) Conney Safety Products Conrad Industries, Inc.

Search Report from Ginger R. DeMille

(KLEENAIR) (Waste to Energy Pyrolysis...

... Systems (Dust Collectors-Fibrous Particles) Count Recycling Systems, Inc. (McMRF) (Recycling Systems J.E. MRF Equipment) Covers Unlimited (Tarps & Covers) Cranston Machinery Co., Inc. (Strapping Equipment) Creative Industries, Inc. (Coatings & Composites for Containment & Sealants) Cross Mfg., Inc. (Hydraulic Components) Crown Rotational Molded Products, Inc. (Plastic Container Lids) Cumberland Engineering Div. John Brown Inc. (Size Reduction Equipment for Recycling: Plastics, Waste Wires, Wire/Cable, Paper) Cusco Industries (Mobile Vacuum Tank; Trucrrailers Custom...

... Div. Dow Chemical U.S.A. (Chemicals, Plastics, Light Metals) Drader Injectiweld Inc. (Repair/Fabrication Equipment for Plastics, Plastic Extrusion Welder) Drew-It Corp. (SMASHER) (Can and Bottle Crushers) Dudick, Inc...

... Engineering) Earthsro (Compacting Services) Econ Scrap Shear Co., Inc. (Hydraulic Guillotine & Alligator Shears) Eimco Process Equipment Co. (Leachate Treatment Equipment) Electronic Controls Co. (Strobe Lights) Electronic Identification Devices, Ltd. (EID) (TROVAN) (Automatic Identification Systems) Encyc...

... Consulting Services) Environmental Enterprlses, Inc. (Laboratory Services, Disposal of Household Hazardous Wastes) Enviroscan, Corp. (Laboratory Analysis Services) Ernst & Young (SCALEMASTER(TM)) (Scale & Accounting Software) ESCO Corp. (Tooth Equipment for Backhoes, Loaders, Scrapers, "KwikLok" Wear Runners) Eurotech, Distributor for Kinshofer (Demolition Debris Recycling) Exxon...

... CENTRICAST PLUS, CENTRICAST II & III) (Fiberglass Reinforced Plastic Pipe & Fittings) Fleet Computing Int'l, Inc. (Equipment Maintenance Mgmt. Software) Foster Wheeler Corp. (Waste-to-Energy Steam Generators) Fuel Harvesters Eqpt., Inc...

... Consulting, Engineering & Tank Services) Global Key Enterprises (Export Management Services) Golder Assocs. (Environmental Investigations; Groundwater Monitoring; Facility Design; Site Selection) Government Institutes, Inc. (Publications Continuing Education) Gray Automotive Products Co. (Oil...

... Custom Truck and Container Decals Koehring Cranes and Excavators (Clamshells, Shovels) Kohlman Hill Inc. (Recycling Equipment, On-board Plastlcs Compactor) Kone-Landel, Inc. (Refuse Cranes for VVTE Plants) Kosmos Recycling Inc...Lehman Bros. (Financial Advisors) Lewis Publishers (Publications) Lightnin (LIGHTNING MIXERS(R)) (Mechanical Agitators; Aeration & Mixing Equipment for Waste & Water Treatment) P. K. Lindsay Co., Inc. (Air Compressors, Sandblasters) Littleford Brothers, Inc...

... Underground Storage Tank Mgmt., Environmental Site Assessmenf Remediation, Hazardous Materials Mgmt.) MAC Corp. (Flatteners, Auto Machine Design & Fabrication (Igloo Operator/Scale) Magnetic Separation Systems, Inc. (BOTTLESORT(R), ELPAC(TM), ELKE(TM...

... DISPLAY UNIT, BASESTATION) (OnBoard Truck Computers, Dispatch & Information Systems) Morse Mfg. Co., Inc. (Drum Handling Equipment; Drum Handling Fork Attachments; Drum & Barrel Handling Equipment) Mud Cat Div., Ellicott Machine Corp. (Dredges) Multitek, Inc. (Wheel Crushers) NYP & Assocs., Inc. (Waste Tracking System) Nalco Chemical Co. (FIRE PREP 1000, WINTER POW-R PLUS) (Waste & Water Treatment Chemicals...

... Training Materials) National Standard (Wire Cable) Navicom Inc. (TRAX

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NET, Inc. (Environmental Laboratory Testing Services) New York Blower Co. (Blowers) New York Testing Laboratories (Testing Services) North American Green, Inc. (Erosion Control Blankets) Northeast Industrial Waste...

...Odor Control Products) Oil Skimmers, Inc. (DECANTER, MODEL 5H, MODEL 6V) (Skimmers, Oil & Grease Separation Equipment) Olathe Mfg., Inc. (Tub Grinders) One Plus Corp. Waste Edge Div. (Container Fullness & Usage Monitors) Organic Waste Technologies, Inc. (Drilling & Installation of LFC/Leachate Control Systems; Operation & Maintenance of Landfill Gas Systems) Orlando Laboratories, Inc. (Drilling & Installation, LFC/Leachate Control Systems, Operations & Maintenance of Landfill Gas Systems) Oshkosh Truck Corp. (Co-Collection...)

... Pennoni Assocs., Inc. (Engineering Services) Permutit Co., Inc. (DCG, MICRO MATIC, FAVAIR) (Liquid Solids Separation Equipment, Rotating Strainers, Sludge Concentrators, Water Treatment Equipment and Systems) Petro Vend, Inc. (Key ControlForStationary Compactors) Phillips Chemical Co., Plastics Mktg. (MARLEX(R...)

... Expansion Joints, Pressure Vessels, Heat Exchangers, Misc. Steel Fabrication to Specs.) Post, Buckley, Schuh & Jernigan (Consultant /Engineer) Power Transmission Technology Inc. Torque Limiters) Procedair Industries Inc. (Basic Care Plan) Procoumsul (Extruded Polystyrene Pond...)

...GRINDER) (Wood Waste Recovery) Refuse/Environmental Systems, Inc. (Waste Audits) Rema Systems Corp. (Design, Build & Install Complete Scrap Plastic-to-Lumber Plants Research Products (INCINOLET) (Electric Incinerating Toilet) Resource Recovery Report (Conferences& Publications) Rexworks (MAXICRIND) (Material Processing Equipment) Rhone-Poulenc Inc, Speciality Chemicais Div. (Waste Water Treatment Chemicals, Water Treatment Chemicals, Water Purification...)

... for Waste Transport) Rockland Mfg. Co. (ROTOVEYER, ROCK. LOCK COUPLER SYS.) (Excavator Attachments, Buckets, Dozer Equipment) Rockwood Systems Corp. (Valves, Ball) Rolled Alloys (Metals, High Temperature Metals, Corrosion Resistant) Rotonics Mfg...

... l Collection Containers) Rust International (Engineering/Construction) SE Technologies, Inc. (HazMat Training) SKC, Inc. (Air Monitoring Equip.) SLT North America, Inc. (Engineering and Installation Services) SSI Compaction Systems (Transfer Station Compactors...)

... Air Sweepers) SETCO Solid Tire & Rim ("JUNK YARD DOG") (Solid Tire & Rim) Shamrock Industries (EARTH MACHINE) (Backyard Composter) Siemens Corp., Power Cables Div. (CORDAFLEX K, CORDAFLEX SM, PLANOFLEX) (Electrical Cables) Simon...

... ROL-COR(R), STOODITE(R), NISTELLE(R), BORIUM(R), BOROD(R), SOS(R), TUNGSMOOTH (Welding Equipment and Consumables for Rebuilding & Hardfacing) Structural Ins. Inc. (OnBoard Scales) Sunshine Technology Corp. (JANSOLV-60...)

... Oil Spill Response) Supenvash Int'l, Inc. (Biodegradability Heavy Duty Cleaner) Surface Combustion, Inc. (Pyrolysis Equipment) Swacars Sales. Inc. (Dumping Devices for Trailers) Swaploader U.S.A. Ltd. (Hook Lift) Sylvania... InduStries, Inc. URBO II) (Intake Air Precleaners) Tyler Power Systems (SONAR SENSOR) (Storage Tank Level Monitors) U.S. Wire-Tie Systems (Wire Products) Uni-Mat International Inc, (Mats) United Safety Apparatus...

Search Report from Ginger R. DeMilie

...Steering Control) Vanson Chemical Co. (KLARIFY) (Chemicals) Valmet (Bale Loader, Transport and Unloader Trucks for Use in Landfill) WSA Engineered System (Industrial Vacuum Loaders) Walker Magnetics (Water Strainers) Wellman Inc. (QULINE...

15/3,K/9 (Item 6 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00157699 81-27576  
**The Nuts & Bolts of Capacity Planning**  
Posner, John J.  
Computerworld v15n44 PP: In Depth 1-10 Nov 2, 1981  
ISSN: 0010-4841 JRNL CODE: COW

**ABSTRACT:** One by-product of change is often the troublesome task of upgrading a computer **installation**. An **installation** manager who can anticipate growing demands, estimate the operating characteristics of **new software**, and order **new equipment** with generous delivery-time allowances, can ensure that the system grows and matures with less...

... into consideration the 2 fundamentals of computers and business: 1. Computer system users want rapid **service** and enough **power** to process work loads within given deadlines. 2. Business managers want computer **equipment** to be used efficiently with minimum excess capacity. The capacity planner must strike a balance...

... two. The planner must consider many aspects of the system, including accurate descriptions of current **usage**, **analysis** of overhead functions, and forecasting of the work load. ...

15/3,K/10 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04853041 Supplier Number: 47138935 (USE FORMAT 7 FOR FULLTEXT)  
**Energy Savings Contracts for Military Locations and U.S. Capitol Awarded to ERI Services**

News Release, pN/A  
Feb 19, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 560

(USE FORMAT 7 FOR FULLTEXT)  
**TEXT:**  
...of North Carolina, South Carolina, Georgia and Virginia. The scope of work will include: energy **use analysis**, development, design and implementation of integrated energy and resource cost reduction programs, system maintenance and...

...to be completed in less than one year. The retrofit of lighting fixtures with all **new** high-efficiency components is expected to produce in excess of \$2 million in annual energy...

...guarantees the achievement of the proposed energy and resource savings and will maintain all newly **installed** systems over a 15-year contract term. The U.S. Navy has issued ERI Services...

Search Report from Ginger R. DeMille

...the first ESPC issued by the Navy that is based on fully guaranteed performance of **equipment** and savings. The initial project will include the **installation** of new large steam boilers as well as **upgrades** to the facility's steam distribution and energy management control systems. Upon finalizing the contract award, ERI Services will **analyze** and propose additional performance-based work for additional areas of the base.  
"Providing significant energy..."

...energy efficiency. It offers commodity brokering of all forms of energy and provides resource management, **energy consulting** and engineering services, including financing and facility management. ERI Services has offices throughout the United...

**15/3,K/11 (Item 2 from file: 16)**  
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04222494 Supplier Number: 46178128 (USE FORMAT 7 FOR FULLTEXT)  
**ENCON SYSTEMS' SUBSIDIARY FORMS LIMITED LIABILITY COMPANY WITH PRECISION POWER, INC., A SUBSIDIARY OF UNITED ILLUMINATING COMPANY; Allows ENCON to Enter the Home Security Market.**  
Business Wire, p02281164  
Feb 28, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 508

Initially, the Company will establish a strong presence in the market for home security **installations**, drawing upon UI's 309,000 residential and small commercial customers in the **New Haven** and Bridgeport, CT areas. Future entry is expected into other home automation technologies such as remote meter reading, remote **service** disconnects, **power** loss **monitoring** of in-home appliances as well as outdoor security lighting **installations**.

Home security is the logical choice for both ENCON and Precision Power as the companies...

...protection. With their combined financial stability, and established reputations for quality, reliability and high- tech **installation equipment**, the Precision Power and Kemper team is well positioned for a head start into an...

**15/3,K/12 (Item 1 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

13279328 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**ADVISORY/The Association of Energy Engineers Announces -2-**  
BUSINESS WIRE  
October 13, 2000  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1472

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...footage of the main campus. The energy conservation measures Sempra Energy Services implemented include massive **upgrade** of Baylor's central

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plant (the TCC). The central plant measures provide 4500 tons of cooling with 3 new chillers, a new cooling tower, new condenser water pumps, a new chilled water pump, a new 70,000 lb/hr waste heat boiler and a companion new 70,000 lb/hr deaerator. Approximately 1225 variable speed drives were installed on motors in the central plant (TCC) and campus buildings. Campus-wide, the chilled water and steam distribution systems will be upgraded, and the existing 50,000 fluorescent light fixtures across the campus will be converted to energy efficient equipment including ballasts, lamps and reflectors. An upgraded and expanded 2644-point energy management control system will be installed. This system will monitor conditions across the campus, as well as time the operation of all equipment for maximum...

... production lines. USAID provided a grant of \$150,000, covering half the cost of the equipment and installation. As a condition of the grant, Mr. Markel required FdG to re-invest 50% of...

15/3,K/13 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

03359394 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**INDIA: POWER PLANT POLLUTION CONTROL MONIT. EQ. MARKET (2)**  
**U.S. and Foreign Commercial Service (US&FCS)**  
INDUSTRY SECTOR ANALYSIS  
September 30, 1998  
JOURNAL CODE: FISA LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 2921

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... in deciding commercial matters such as price and warranty and delivery schedules. Thus, both the consultant and the power project contractor contribute jointly to making decisions on purchases of major power plant equipment including pollution monitoring equipment.

Some of the leading Indian consultants in the power sector who influence purchasing decisions...

...valorem is available.

Depreciation

One hundred per cent depreciation is allowed to the user for installing pollution control equipment to control air and water pollution and for installing solid waste recycling and recovery systems...

15/3,K/14 (Item 1 from file: 30)  
DIALOG(R)File 30:AsiaPacific  
(c) 2004 Aristarchus Knowledge Indus. All rts. reserv.

09812803  
Global 2000 Report to the President of the United States: Entering the Twenty-First Century. Technical Report: The Projections: Environment Projections: Closing the Loops: Assumptions, Discrepancies, and Feedback: Feedback to the GNP Projections: Feedback to the Industrialized Economies. District of Columbia: GPO, 1979.  
Council on Environmental Quality  
LANGUAGE: English

... can be expected over the next two decades as efforts are made to develop a new energy economy, raise food production, increase water

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availability, increase mineral production, and protect the environment...

... US study, recently done by Data Resources, Inc. (DRI) for the Environmental Protection Agency (EPA), analyzes the economic effects of federal air and water pollution control programs over the 1976 period...

... after construction ends, due to the labor needed in operation and maintenance of pollution control equipment and installations. ["The Macroeconomic Impact of Federal Pollution Control Programs: 1978 Assessment," report submitted to the Environmental...GNP - but at the cost of (among other things) increased dependence on foreign sources of energy. These two examples suggest that in industrialized countries the linkages between environmental developments and GNP may be quite different  
...

15/3,K/15 (Item 2 from file: 30)

DIALOG(R) File 30:AsiaPacific

(c) 2004 Aristarchus Knowledge Indus. All rts. reserv.

09446403

Pacific Region Energy Assessment. Volume 3. Micronesia: Issues and Options in the Energy Sector: Part 28: Investment and Technical Assistance Priorities: Power Subsection. Pacific Island Series 1. UNDP, August 31, 1992. [=]

UNDP/ESCAP Pacific Energy Development Project; UNDP; ESCAP; Asian Development Bank; World Bank; Forum Secretariat Energy Division  
LANGUAGE: English

... investigation, including three months of supervision, would cost approximately \$50000.

5.6 In Kosrae, a power development study is recommended to determine the tariff level required to recover costs; realistic future load growth trends under...

... the older machines in the power house to serve as peaking units; the cost of installing synchronizing equipment; and requirements for new capacity. Such a study would cost at least \$50000.

5.7 Distribution. It is recommended that the 4.16 kV line segments serving the urban areas in all states be upgraded to 13.8 kV in order to reduce losses and improve voltage to consumers. Technical assistance is recommended for analysis of load flows, voltages and losses in all 4.16 kV distribution systems. It is...

... affected by line faults and maintenance work. It is recommended that inexpensive fault indicators be installed on branching points of all 13.8 kV networks and that the potential of capacitor banks to reduce voltage drops and electrical losses be analyzed, with concurrent load monitoring of the distribution transformers with one or two transformer-mounted voltage recorders supplemented with inexpensive hand-held and line-mounted voltmeters. Most of the results could be obtained through computer analysis of loading data, apart from some equipment needed to optimize the location and number of...

... months duration available through other power utilities in the region such as those in Papua New Guinea and Fiji; outside assistance programs could provide funds for travel and subsistence for such...

... for their consumption. Technical assistance is recommended especially for Chuuk and Kosrae to design and install new computerized billing

Search Report from Ginger R. DeMille

systems which, to save costs, should be based on the same software; it...

15/3,K/16 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2004 Inst for Sci Info. All rts. reserv.

08528810 Genuine Article#: 297JW No. References: 4  
**Title: Ukraine: Emerging market for industrial energy efficiency opportunities**  
Author(s): Somasundaram S (REPRINT) ; Parker S; Evans M; Brown D  
Corporate Source: BATTELLE MEM INST,PACIFIC NW LABS, POB 999,  
K5-20/RICHLAND//WA/99352 (REPRINT)  
Journal: ENERGY ENGINEERING, 1999, V96, N2, P6-18  
ISSN: 0199-8595 Publication date: 19990000  
Publisher: ENERGY ENGINEERING, 700 INDIAN TRAIL, LILBURN, GA 30047  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: plant, an iron mine, a metallurgical firm, and a steel cable factory. Following a preliminary **analysis** of the site-specific data obtained during the first visit to the plants, a limited...

...chosen for a more detailed energy audit and financial assessment. Results of a detailed engineering **analysis** and a financial assessment of each plant led to a prioritized list of recommended energy...

...base-load gas turbine cogeneration plant, replacing an existing compressed-air system with high-efficiency **equipment**, upgrading the glass process furnaces, upgrading the lighting system, and **installation** of heat recovery systems. Some specific technologies recommended have included **installing** a new western furnace, which not only saves energy but also increases the volume and quality of glass production. The gas turbine cogeneration plant proposed for the coke-chemical plant will **use** coke-oven gas, a byproduct of the coking process, as the primary fuel. This article...

...facilities. The article also provides an update on the implementation plans for some of the **recommended** **energy** efficiency measures at these industrial enterprises.

15/3,K/17 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2004 The Gale group. All rts. reserv.

05829964 SUPPLIER NUMBER: 63059110 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**INDUSTRY RESOURCES.**  
Entertainment Design, 34, 6, 3  
June, 2000  
ISSN: 1520-5150 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 36203 LINE COUNT: 11269

... a)info@aclighting.co.uk; (c)Jonathan Walters  
World-class wholesale stocklist of specialist lighting **equipment**. An international supplier that offers same day global dispatch service from large stock holdings of...lighting equipment and supplies. Specializes in theatrical sound reinforcement and lighting system rentals, design and **installation** of complete systems.

Search Report from Ginger R. DeMille

ADVANCED LIGHTING SYSTEMS, INC.  
800 Beltline Rd., Sauk Centre, MN 56378; (b...

...a)Aerial4336@aol.com; Web  
www.aerialrigging.com; (c)Michael Weiner  
A multi-faceted, full **service** rigging company.  
Specializes in custom design and fabrication. In  
addition to equipment sales, service and...  
Ethernetworked modular structure.  
An existing DMX infrastructure can be upgraded  
to take advantage of the **power** of the graphic  
smartcard user interface. Features include remote  
control, full scalability, open system interface...com; Web  
www.atsclock.com; (c)Scott DeSmith  
Source for clocks, programmers, parts, accessories,  
and **equipment** for institutional facilities.

AMGLO KEMLITE LABORATORIES  
215 Gateway Rd., Bensenville, IL 60106; (b)630-350...  
production support for  
festivals, fairs, concerts, industrial presentations,  
and special events. Long and short term **equipment**  
rentals; turnkey **installations** for churches,  
theaters, and nightclubs. Design and consultation  
services available. Lamps, color media, and other...flame  
proofing and dry cleaning; sales and installation  
of electronic dimming systems and stage lighting  
**equipment** ; and **installation** of fire curtain and rigging  
systems.

BAER FABRICS  
515 E. Market St., Louisville, KY 40202...landscapes,  
decorating night clubs, enhancing stages or  
accenting architecture. Safe, cost effective, and  
easy to **install** .

BRADFIELD STAGE LIGHTING  
620-A Davidson St., Nashville, TN 37213; (b)615-256-0977;  
Fax...such as Concert, J-Type. and F-Type Live  
Production Consoles for touring and fixed **installations** ;  
M-Type Monitor Board for output flexibility  
and a configurable matrix; automation sophisication  
from Sound...projection equipment  
for indoor and outdoor venues. Systems for sale  
or for lease. Services include **installation** and  
show consultatiuon as well as design for permanent  
and temporary displays. Repair/replacement  
services...for Strand Lighting and MicroLite.  
Large inventory of Strand Lighting parts, including  
new and used **equipment** . Design and **installation**  
of systems upgrades for Electro Controls  
and Strand Lighting. Full line of incandescent and  
halogen...for most quality dimming, control and fixture manufacturers  
for stage and architectural use. Design  
and **installation** of counterweight systems, winches,  
grids and stage elevators. Rental department  
with large selection of conventional...complete control systems  
for entertainment applications, such as theatre,  
tours, theme parks and various other **installations** .

Search Report from Ginger R. DeMille

Specializes in the development of motion control hardware and software. Engineering consultants providing custom automation...performance front of house and monitor mixing consoles for touring, theatre, churches and other fixed **installations** .

CRESTRON

15 Volvo Dr., Rockleigh, NJ 07647; (b) 800-237-2041, 201-767-3400; Fax...com; (c) David L. Smaw  
Manufacturer of manual and memory-assisted lighting controls, portable and **installation** dimmer packs, touring racks and interface equipment.  
Repair service also available.

CIRCLE READER SERVICE #78...

...gel, paint, scenic materials, makeup, rigging and hardware, headsets, microphones, special effects and crowd control **equipment** . Sales, **installation** and rental.

DAN DUGAN SOUND DESIGN

290 Napoleon St., Studio E, San Francisco, CA 94124...c) Reid Neslage  
Manufacturer of stage drapery tracks, curtain machines, and manual and motorized rigging  
**equipment** . **Equipment** sold by dealers throughout the US, Canada, and many other countries.

CIRCLE READER SERVICE #52...

rental and sales company that supplies lighting, grip, and expendables. Carries a full line of **equipment** including: Arriflex, Matthews, LTM, Lowel, Chimera, Kino-Flo, American, Sun Guns, K5600 (degrees), Rosco, Lee...divisions: Grace & Wild Digital Studios, Postique, Griot Editorial, Film Craft Lab, Projections, and In Gear  
**Equipment** Rental/Detroit Power & Light. Services include stage rental, video production, film processing and printing, film...Fax 315-424-2544;  
(c) Jong-Chol Shin  
Manufacturer of broad line of stage-related **equipment** . Specializes in **installation** for multi-purpose theaters, television studios, and convention facilities. A family of experienced professionals and...  
and television production. The True Match luminaires are high output, flicker free, and color correct.  
New are size ranges of red, gold, green, pink, blue, UV-colored lamps. Also new are the Sinewave inverter packages and 12VDC battery kits.

KINOTON

290 N. Beacon St., Boston...  
Manufacturers of the complete line of Leprecon Pro Lighting Equipment for live entertainment and permanent **installations** with **equipment** ranging from small single scene six channel controllers to 96-channel memory consoles, Treemount and...

Search Report from Ginger R. DeMille

15/3,K/18 (Item 1 from file: 80)  
DIALOG(R)File 80:TGG Aerospace/Def.Mkts(R)  
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01233118 Supplier Number: 41766180 (USE FORMAT 7 FOR FULLTEXT)

**MORE NEW APPLICATIONS: TITAN IV/IUS SPACE LAUNCH VEHICLE**

Composites & Adhesives Newsletter, pN/A

Jan, 1991

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 18344

... 000-square-ft. structure, installing satellite antenna pad, upgrading electrical power supply, building service road, **installing** security and fire protection services. Upon completion of development work, Datron Systems, Simi Valley, Cal., will begin **installation** of satellite antenna and related command and control electronics. Station is scheduled for testing by...

15/3,K/19 (Item 1 from file: 88)  
DIALOG(R)File 88:Gale Group Business A.R.T.S.  
(c) 2004 The Gale Group. All rts. reserv.

03935083 SUPPLIER NUMBER: 18340066

**Load monitoring enters the digital age.**

More, Taylor

EPRI Journal, v21, n2, p24(5)

March-April, 1996

ISSN: 0362-3416 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3187 LINE COUNT: 00266

TEXT:

...customers the intrusion and inconvenience that this task now entails. Developed with EPRI support, the **device** can be **installed** on a customer's outdoor service meter to automatically and continuously record and transmit digital...

... Telecommunications Business Unit, early prototypes of a NIALMS predecessor confirmed the feasibility of such a **monitoring** system. In field tests at five houses in RG&E's service area and five in **New England Power** Company's **service** area in the late 1980s, the prototypes measured the electricity use of large residential loads...

...of improved algorithms for identifying multistate appliances and of ways to reduce the system's **installed** cost to within an economically attractive range.

Once it is programmed and installed at a...

15/3,K/20 (Item 1 from file: 103)  
DIALOG(R)File 103:Energy SciTec  
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04554910 EDB-00-022689

**Title: Industrial energy efficiency opportunities in Ukraine**

Author(s): Somasundaram, S.; Parker, S.; Evans, M.; Brown, D.

**Title: Renewable and advanced energy systems for the 21st century, RAES'99 proceedings**

Search Report from Ginger R. DeMille

Author(s)/Editor(s): Hogan, R.; Kim, Y.; Kleis, S.; O'Neal, D.; Tanaka, T. (eds.)  
Corporate Source: Pacific Northwest National Lab., Richland, WA (United States)  
Conference Title: Renewable and advanced energy systems for the 21st Century  
Conference Location: Maui, HI (United States) Conference Date: 11 Apr 1999 - 15 Apr 1999  
Publisher: New York, NY (United States) American Society of Mechanical Engineers  
Publication Date: 1999  
p 9, Paper RAES99.7620 ([1125] p)  
Contract Number (DOE): AC06-76RL01830  
Language: English

...Abstract: currently accounts for over 60% of Ukraine's energy consumption. Most industrial enterprises in Ukraine **use** energy very inefficiently because the former Communist2048tem provided few incentives to conserve energy or even...

...Government estimates that this market will generate from \$700 million to \$1 billion worth of **new** product sales by the year 2000. However, few industrial enterprises have the money necessary for...

...enterprises obtain financing for energy efficiency projects form a variety of financial institutions, or through **new**, creative financing mechanisms. The project has involved several site visits to different industrial plants in...

...plant, an iron mine, a metallurgical firm, and a steel cable factory. Following a preliminary **analysis** of the site-specific data obtained during the first visit, a limited number of plants...

...chosen for a more detailed energy audit and financial assessment. Results of a detailed engineering **analysis** and a financial assessment of each plant led to prioritized list of **recommended energy** efficiency measures. The **recommendations** made to the plant management at two of these facilities are reported here. In addition...

...are reported as well. Some specific technologies recommended in the course of this work2048e included **installing** a **new** Western glass furnace at the Gostomel glass plant, which not only saves energy but also...

...of glass production. The gas turbine cogeneration plant proposed for the coke-chemical plant will **use** coke-oven gas, a by-product of the coking process, as the primary fuel. Some...

...majority of the industrial facilities include replacing an existing compressed-air system with high-efficiency **equipment**, upgrading the lighting system, and **installation** of heat recovery systems. This paper describes the process of identifying opportunities and discusses some...

...facilities. The paper also provides an update on the implementation plans for some of the **recommended energy** efficiency measures.

15/3,K/21 (Item 2 from file: 103)

DIALOG(R)File 103:Energy SciTec

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Search Report from Ginger K. DeMille

04540920 EDB-00-008702

**Title: Centralized monitoring system for cogeneration equipment**

Original Title: Cogeneration setsubiyō shuchu kanshi system

Author(s): Ishizuka, T.; Yamanaka, H.; Sone, A.; Shigeoka, K. (Meidensha Corp., Tokyo (Japan))

Source: Meiden Jiho v 267. Coden: MEJIEV ISSN: 0386-1570

Publication Date: 6 Sep 1999

p 43-46

Language: Japanese

Abstract: A centralized **monitoring** system in cogeneration equipment has increasingly been regarded as important for the purpose of improving the operation **monitoring service** of **power** generation **equipment installed** at customers'. This system is a centralized **monitoring** system in which Meidensha's service department renders 24 hour support for a customer's...

...with a conventional system. The system being constituted of general purpose devices, the inspection and **replacement** of each device is easy. Control cables between the devices have been reduced by the...

...NT, etc. In addition to the operation of the master station night and day at the centralized **monitoring** center set up in the company, an around-the-clock **monitoring** function was realized by the introduction of a portable terminal in order to operate the...

15/3, K/22 (Item 3 from file: 103)

DIALOG(R)File 103:Energy SciTec

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04533682 EDB-00-001457

**Title: Energy service companies -- The sky's the limit**

Author(s): Fraser, M.; Montross, C.

**Title: 1998 ACEEE summer study on energy efficiency in buildings: Proceedings**

Corporate Source: Fraser and Co., Toronto, Ontario (Canada)

Conference Title: 1998 ACEEE Summer Study on Energy Efficiency in Buildings

Conference Location: Pacific Grove, CA (United States) Conference Date: 23 Aug 1998 - 28 Aug 1998

Publisher: Washington, DC (United States) American Council for an Energy-Efficient Economy

Publication Date: 1998

p 6.47-6.54 ([3100] p)

Report Number(s): CONF-980815--

Language: English

...Abstract: customer's energy acquisition and use. Previously, the term ESCO was synonymous with contractors who **installed** new **equipment** that was paid for by the energy cost savings that resulted. As a result of...

...trends and using energy management to reduce costs, power marketers, power brokers, aggregators combining energy **analysis** to segment their customers with processes to identify potential conservation and load management opportunities, cogeneration...

...toward forecasting future trends in the industry including consideration of the fact that the term, **energy service**, may, itself, be too narrow a definition for a successful business of industry.

Search Report from Ginger R. DeMille

15/3,K/23 (Item 4 from file: 103)

DIALOG(R) File 103:Energy SciTec

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01373318 EDB-84-071113

**Title: State-of-the-art and potential development of lubricant production**

Author(s): Rumyantsev, A.G.; Podlesnaya, L.A.; Zhelobod'ko, V.F.

Source: Neftepererab. Neftekhim. (Moscow) (USSR) v 12. Coden: NNNSA

Publication Date: 1982

p 15-17

Language: Russian

...Abstract: oils represents 50-56% of overall production volume. The current level of oil production is **analyzes**, organization, technical and remodeling measures directed at further increase of **installation** facilities are discussed. Also discussed are reduction of **energy use**, increasing **service** life of **equipment**, development of **new** types of raw materials -- Shaim residual petroleums and distillates, improving quality of lubricants and organizing...

15/3,K/24 (Item 1 from file: 119)

DIALOG(R) File 119:Textile Technol.Dig.

(c) 2003 EBSCO Publishing. All rts. reserv.

0617535 06384/98

**How to Choose Air Conditioning to Maximize Profitability.**

Textile World 148, No. 5: 67+, 3 pages (May 1998).

Publication Year: 1998

CODEN: TEWOAH; TENO

Modern textile mill air conditioning **equipment** includes the control of temperature, humidity, pressure, suction, and cleanliness. In choosing a new system...

...its own manufacturing facilities, the supplier's experience in designing air conditioning systems, system energy **usage**, guarantee and service options, and the supplier's reputation and resources. The best way to hold a supplier accountable is to use one supplier to supply design and manufacturing services; **installation**; system **monitoring**; and control, startup, and ongoing service support. Managers should also inspect the supplier's manufacturing site, its **installed** and operating air conditioning systems, and its customer references. Systems such as Loomsphere and Air Bell Knitting TAC systems reduce operating costs by improving conditions at the processing point. **Upgrades** of older mill systems should include an electronic direct digital control system.

...Descriptors: COSTS ; DESIGN; ELECTRONIC EQUIPMENT; ENERGY; EQUIPMENT; EQUIPMENT REPLACEMENT ; EXPERIENCE; HEATING; HUMIDITY; HUMIDITY CONTROL; HUMIDITY CONTROL **EQUIPMENT** ; IMPROVEMENT; INSPECTION ; **INSTALLING** ; INSTRUMENTS (DIGITAL); KNITTING ; MANUFACTURING; MONITORING; OPERATING COSTS; PHOTOGRAPHS; PRESSURE ; PROCESSING; PROFITS; REDUCTION; SERVICES; SITES; STARTUP...

15/3,K/25 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

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10487921 SUPPLIER NUMBER: 21168510 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Search Report from Ginger R. DeMille

**RAID SUBSYSTEMS. (Technology Information)**

Miles, J.b.

Government Computer News, v17, n31, p53(1)

Sept 21, 1998

ISSN: 0738-4300 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 2996 LINE COUNT: 00387

**TEXT:**

...IG drives can scale up from 18G to 820 of capacity. Rack-mount systems allow **installation** of more disk drives than towers do. Many systems, such as Artecon Inc.'s LynxArray...

...RAID system depends on how you load it. Reason for being The main reason to **use** a RAID system is to improve data availability in case of a massive disk failure. Purely electronic computer elements such as CPUs, **device** controllers and network interface cards fail infrequently, if ever. However, mass storage systems such as...reconstruction in case information has been damaged. Because it involves extra data overhead and the **use** of an extra parity drive, RAID 3 is more costly than Level 0+1, but...  
...striped across multiple drives. The write performance limitations of Level 4 are almost eliminated and **use** of many drives is enabled, making this the most requested of RAID levels. RAID 5...

...on a RAID system falls, the information it contains must be rebuilt quickly on the **replacement** drive, usually via the parity systems built into RAID Levels 0+1, 3 and 5...

...wings A RAID supporting hot spare or hot standby drives has one or more drives **installed** and ready to go in case an original drive fails. The data rebuilding begins immediately, reducing the amount of lost time. With one exception, all listed RAID systems **use** Fast Wide SCSI-2, Ultra SCSI-3 or Fibre Channel connection technologies. IBM Storage System...both by networks and mass storage systems such as RAID. Nearly half the listed systems **use** Fibre Channel interfaces, at least as high-speed connections from the arrays to the host...

...servers with Fibre Channel. \* Buy all the scalability you can afford. \* Seek component redundancy for **use** with missioncritical applications. \* Make full **use** of remote **monitoring** and Simple Network Management Protocol software that comes with your RAID subsystem. \* Remember that the ...

**15/3,K/26 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10419409 SUPPLIER NUMBER: 21057144 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Chiller Upgrade? Take Systems Approach.**

Betz, Kenneth W.

Energy User News, v23, n8, p26(1)

August, 1998

ISSN: 0162-9131 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3966 LINE COUNT: 00321

**TEXT:**

...typically cheaper and accomplish the same objective, consider using a water-side economizer when the **use** of an air-side economizer is impractical due to physical or comfort constraints. Several methods...

Search Report from Ginger R. DeMille

...cooling, in which the condenser and chilled-water circuits are linked directly together without the **use** of a separate heat exchanger. A disadvantage of this type of system is the possible...

...large computer room or data center cooled with a central chilled-water system. **PUMPING SYSTEM UPGRADES** Pumping systems can be made more energy efficient three ways: \* **Replace** oversized pumps and motors with smaller models. \* **Install** variable-speed drives on pump motors. \* **Convert** single-loop configurations to primary-secondary loop configurations... percent. When pump rightsizing is based on load reductions, the maximum design load on the **new** pump must be greater than the measured maximum load for the system. Be certain that the **new** motor is an energy-efficient motor, sized to meet the maximum load, and recognize that...

...hp, 7.5 hp, 10 hp, etc.). **VARIABLE-SPEED DRIVES** Another energy-saving strategy is **installing** variable-speed drives (VSDs) to ensure that pumps are performing efficiently at part-load conditions...

...a 10 percent reduction in the load reduces the energy consumption by 27 percent. When **installing** variable speed drives, several considerations must be addressed: \* Harmonic, power factor, and torsional **analyses** need to be completed before **installation**. \* A coast-down test to compare mechanical resonance with speed response should be conducted. \* Maximum and minimum flow rates through the chiller need to be met for chiller pump **upgrades**. **VARIABLE-AIR-VOLUME DISTRIBUTION** Likewise, variable -air-volume (VAV) systems may save energy over constant...

...and temperature and humidity are controlled by changing the volume of air delivered. **HYBRID SYSTEMS** **Installation** of a hybrid system, a chiller plant consisting of both an electric-powered chiller and...

...**ADVANCED CONTROLS** Perhaps the most significant improvement in chillers in recent years is the widespread **use** of microprocessor-based controls on chillers and the availability of retrofit packages for older models...

...a price. A change to a component of the HVAC system should reduce the energy **usage** of the entire building. Some schemes in **use** today will show dramatic improvements for a single component but little-or no-improvement when the total building energy **usage** is considered. Using these two points for a basis, the best way to look at...

...says. The first step in an audit should benchmark the current operating schemes and energy **usage**. It is also valuable to create a model of the building using a building energy- **analysis** program. Once these steps have been taken it is possible to review potential energy-saving...

...a building audit requires a substantial commitment of time and money. For a simplified approach **use** Standard 90.1.1989 of the American Society of Air-Conditioning, Heating and Refrigerating Engineers reduction in energy **usage**. Older buildings may need to be "recommissioned." A good start is to balance the system...

...and Balancing from 1995 ASHRAE Applications Handbook, pp. 34.3-6. **CHILLER Strategies** Each chiller **installation** is a unique case, and optimization strategies are site-specific. However, a few general strategies...

...systems in commercial buildings: \* **SELECT A HIGH-EFFICIENCY CHILLER** \* **MINIMIZE LIFT (OVERSIZE THE COOLING TOWER)**. \* **USE VARIABLE SPEED DRIVES** ON A CHILLER IF LOAD FLUCTUATES SIGNIFICANTLY. \* **USE VAV FOR AIR DISTRIBUTION**. \* **UPGRADE COOLING TOWER**. \* **UTILIZE A WATER-SIDE ECONOMIZER**.

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\* REPLACE OVERSIZED PUMPS AND INSTALL VARIABLE-SPEED DRIVES. \* SEQUENCE MULTIPLE CHILLERS FOR MAXIMUM EFFICIENCY. \* INSTALL MICROPROCESSOR BASED CONTROLS. CHILLER Software Software programs are available to help energy managers in evaluating...

...what is available: \* QuickChill is software developed by the EPA to assist energy managers in **analyzing** the potential for investing in more efficient centrifugal chillers. It includes features that assist in decision making regarding **replacement**, rightsizing, and CFC phaseout. Parameters for existing chillers can be entered and a number of **upgrade** scenarios can be generated along with graphs of energy consumption before and after the **upgrade**. The software can be downloaded from the EPA Energy Star Web page at [www.epa.gov](http://www.epa.gov)...

...Prevention Division, 401 M Street, SW (MC 6202J), Washington, D.C. 20460; (202) 5649190. \* System **Analyzer** is a software package developed by Trane Co. for load calculation and energy and economic **analysis**. It permits a quick evaluation of virtually any building, sys and **equipment** combination. Thus, it can be used either for initial design or to get a general feeling of how one system/ **equipment** combination may perform over another. Additional information is available on the company's Web site...

...well-maintained centrifugal chiller can have a serviceable life of 40 years or longer. With **upgraded** digital controls, high-efficiency purges, **new** alternate refrigerants, and **new** high-efficiency heat exchanger tubing, a refurbished chiller can remain reliable for many years, according ...

...upon economic considerations. There are at least five situations where refurbishment may be preferable to **new**: \* When a unit has low annual operating costs (newer units that are efficient and/or have been maintained well). \* In multiple-unit **equipment** rooms, where one unit can have its capacity re-rated but its efficiency improved as...

...has the potential to create a very efficient plant at a lower cost than complete **replacement**. \* When **equipment** is located in a limited access situation--such as on a roof or in a...

...used as a standby with minimal run annual hours. In this case, the cost of **replacement** may not be justified. \* In a situation where the owner has good reason to avoid...

...more detail in publications available from the U.S. Environmental Protection Agency (Energy Star Buildings **Upgrade** Manual) and the Electric Power Research Institute (Electric Chiller Handbook). For further information contact: EPRI...

15/3, K/27 (Item 3 from file: 148)  
DIALOG(R) File 148: Gale Group Trade & Industry DB  
(c) 2004 The Gale Group. All rts. reserv.

10419406 SUPPLIER NUMBER: 21057141 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
If You Audit, the Savings Will Come.  
Ahuja, Anil Re.  
Energy User News, v23, n8, p20(1)  
August, 1998  
ISSN: 0162-9131 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2253 LINE COUNT: 00192

TEXT:

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...model). 2. Building tune-up (envelope). 3. Load reductions (system loads). 4. Air-distribution systems **upgrades**. 5. HVAC plant **upgrades** (generation loads). Using this sequence, along with life-cycle cost **analysis**, should result in technically feasible and economically sound conservation measures. This sequence also helps avoid selection of oversized or undersized **equipment**. Often, after an energy-efficiency **analyst** identifies and reports on cost-effective measures, the client assumes the **analyst**'s job is finished. Afterward, the **analyst** has no further contact with the design team regarding those efficiency measures. This situation often...

...can be higher energy consumption and capital cost than necessary. To avoid these issues, the **analyst** should remain in contact with the design team throughout the entire design process, making sure...

...that can diminish the success of an energy-efficiency project: \* Inadequate definition of purpose. \* Inappropriate **analysis** tools. \* Inadequate definition of baseline for savings. \* Inadequate reporting. \* Insufficient **analysis** involvement in the design process. \* Limited or inappropriate solutions. \* Poor data-collection practices. \* Unnecessarily constrained economic **analysis**. \* Neglect of interactions between building systems. \* Lack of consistency during design and **installation** phases. \* Failure to verify and report results. \* Failure to test unfamiliar technologies. \* Poor planning for **monitoring** e exercises. \* Inadequate operation and maintenance of efficiency measures. Understanding Utility Pricing Saving energy does not always mean saving money. With today's increasingly complex utility rate structures, when you **use** energy often is as important as how much you **use**. Because of these complexities, project teams conducting energy audits need to understand the utility rate ...

...bills for a particular facility. Check if the utility cost is based on time-of- **use** (peak, mid-peak, off-peak), seasonal rates, increasing or decreasing block rates, demand charges, ratcheting...

...from the dial of a conventional kilowatt-hour meter. \* Fuel-charge adjustment is a relatively **new** factor based on the cost of fuel used to produce power during a given month...

...peak-demand profiles common in industrial plants. This type of profile can be expensive. Demand **monitoring** and control **equipment** can help control demand and energy costs, if the plant has loads that can be deferred. \* Power-factor penalty is another misunderstood item. Utilities have to size transformers and distribution **equipment** based on the amount of amperes to be drawn. Some of these amperes are "borrowed..."

...of the facility's main power lines may help reduce costs. However, another option to **analyze** is the system-wide benefits owing to higher power factors available from many high-efficiency...

...its power factor, it also saves energy because of the motors' improved efficiencies. \* Time-of- **use** rate schedules are becoming popular in some markets. Although these schedules vary from supplier to...

...peak demand to lowercost times. Gas utilities also often offer incentives to customers who can **use** gas during low- ...should investigate interruptible rates. Some gas utilities also offer rate incentives to customers who can **use** gas in the summer. making gas cooling a viable option in some instances. Sometimes the...

...gas and electric, offer numerous rebate and incentive programs that can

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help further reduce energy **use** and energy costs.

**15/3,K/28 (Item 4 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07923557 SUPPLIER NUMBER: 16998833 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Modular nonlinear video editing. (Data Translation's Media 100 2.0)**

**(Software Review) (Evaluation)**

Sutherland, Don

Computer Graphics World, v18, n5, p70(3)

May, 1995

DOCUMENT TYPE: Evaluation ISSN: 0271-4159 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1313 LINE COUNT: 00100

... per-second of V1.0. Plus Data Translation no longer recommends the Quadra 950 (although **installation** for that **machine** is fully documented), because its processor and system board cannot support the stretched demands of the **new** product. Only a Quadra 840 or Power Mac 8100 are recommended for the full range of Media 1 00 features. Most notably, the **new** four- **track** audio capacity of V2.0 drops back to the two- **track** audio of V1.0 if you run on the 950. Also, since the Media 100...

**15/3,K/29 (Item 1 from file: 241)**

DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1067145 SUBFILE: EPRI TECHNICAL REPORT

**Thyristor Controlled Series Compensation (TCSC) Impedance and Linearized Models for Power Swing and Torsional Analysis**

REPORT NUMBER: EPRI TR-110553 0072p.

CONTRACT/GRANT NO.: WO3789-09

DOCUMENT TYPE: Final Report

PUBLICATION YEAR: 1998 05

**15/3,K/30 (Item 2 from file: 241)**

DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1066429 SUBFILE: EPRI TECHNICAL REPORT

**Flywheel Power Systems**

REPORT NUMBER: EPRI TR-109911

CONTRACT/GRANT NO.: WO3812-01

DOCUMENT TYPE: Final Report

PUBLICATION YEAR: 1998 01

**15/3,K/31 (Item 3 from file: 241)**

DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1064772 SUBFILE: EPRI TECHNICAL REPORT

**Modeling Residential Customers' Heating System Choices**

REPORT NUMBER: EPRI TR-106530 0072p.

CONTRACT/GRANT NO.: WO3904-02

DOCUMENT TYPE: Final Report

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PUBLICATION YEAR: 1996 07  
PERFORMING ORG.: Freeman, Sullivan & Co.

**15/3,K/32 (Item 4 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1063884 SUBFILE: EPRI TECHNICAL REPORT  
**Distributed Generation Workstation User's Manual**  
REPORT NUMBER: EPRI TR-106914 0131p.  
CONTRACT/GRANT NO.: WO4194-01  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1996 12  
PERFORMING ORG.: Sepril Services, L.L.C.

**15/3,K/33 (Item 5 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1050307 SUBFILE: EPRI TECHNICAL REPORT  
**Survey of End-Use Metering Equipment, Sensors, and Designers/Installers**  
REPORT NUMBER: EPRI TR-100745 0296p.  
CONTRACT/GRANT NO.: RP2568-21  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1992 10

**15/3,K/34 (Item 6 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1048730 EPRI ACCESSION NO: 2323900 SUBFILE: EPRI TECHNICAL REPORT  
**Supermarket Refrigeration Assessment for the New England Electric System**  
REPORT NUMBER: EPRI CU-7378 0104p.  
CONTRACT/GRANT NO.: RP2569-08  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1991 07

**15/3,K/35 (Item 7 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1040873 EPRI ACCESSION NO: 1502500 SUBFILE: EPRI TECHNICAL REPORT  
**Water-Loop Heat Pump Systems: Assessment Study**  
REPORT NUMBER: EPRI EM-5437 0208p.  
CONTRACT/GRANT NO.: RP2480-02  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1988 01

**15/3,K/36 (Item 8 from file: 241)**  
DIALOG(R)File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1036206 EPRI ACCESSION NO: 0997400 SUBFILE: EPRI TECHNICAL REPORT  
**Energy Management Pilot Program for Industry**  
REPORT NUMBER: EPRI EM-4549 0068p.

Search Report from Ginger R. DeMille

CONTRACT/GRANT NO.: RP1275-01  
DOCUMENT TYPE: Final Report  
PUBLICATION YEAR: 1986 05  
PERFORMING ORG.: United Technologies Research Center

**15/3,K/37 (Item 9 from file: 241)**

DIALOG(R) File 241:Elec. Power DB  
(c) 1999 Electric Power Research Inst.Inc. All rts. reserv.

1031994 EPRI ACCESSION NO: 0546600 SUBFILE: EPRI TECHNICAL REPORT  
**Continuous Emission Monitoring Guidelines**  
REPORT NUMBER: EPRI CS-3723 0496p.  
CONTRACT/GRANT NO.: RP1961-03  
DOCUMENT TYPE: Interim Report  
PUBLICATION YEAR: 1984 11

**15/3,K/38 (Item 1 from file: 258)**

DIALOG(R) File 258:AP News Jul  
(c) 2004 Associated Press. All rts. reserv.

00528504 (USE FORMAT 7 FOR FULLTEXT)  
**Thai journalists exit Asean group, NATION**  
Associated Press  
Thursday, October 26, 2000 11:37 EDT  
JOURNAL CODE: AP LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 1,249

...work with Choice  
franchisees to develop energy reduction and cost management solutions.  
These  
can include **installation** of high-efficiency lighting, heating and cooling  
**equipment** ; improved ventilation systems; water conservation measures;  
laundry  
optimization systems; and power supply **upgrades** , as well as energy rate  
1 analysis ; bill processing, validation and payment; and customized  
reporting.  
Tharaldson Energy Group (TEG), an energy-purchasing...

...franchisees in deregulated areas.  
TEG also provides Internet-enabled resource accounting services that allow  
accurate **tracking** of utility **usage** as well as benchmarking against  
industry  
averages.

The alliance will make its services available to...

...business opportunities at Choice. "Looming deregulation, coupled with  
technological advances, prompted Choice to examine energy **use** and costs  
and to  
determine a way to streamline both.

"In Chevron Energy Solutions and...

...increase guest comfort as well," said Jim Davis,  
president of Chevron Energy Solutions. "For example, **new** electronic hot  
water  
systems can ensure that guests on the upper floors will always receive...

...levels. These solutions enhance the guest's hotel

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experience, yet consume less energy than standard **equipment**. Using our services, hotels can expect to reduce their energy-related consumption by 15 to...

...is deregulated, TEG will collect energy consumption data and negotiate energy supply contracts with competitive **energy service** providers on behalf of participating franchisees. By pooling consumption, TEG is able to negotiate more...

15/3, K/39 (Item 1 from file: 264)  
DIALOG(R) File 264:DIALOG Defense Newsletters  
(c) 2004 The Dialog Corp. All rts. reserv.

00055170

**DirecTv's Quarterly Subscriber Report Brings Forth Analysts' Opinions**  
Satellite Today  
October 5, 2000 VOL: 3 ISSUE: 186 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: PHILLIPS BUSINESS INFORMATION  
LANGUAGE: ENGLISH WORD COUNT: 988 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...of Hughes Electronics Corp. [GMH] reported late yesterday that it had added 450,000 net **new** subscribers to its **high-power**

**DBS service** during the third quarter of this year.

Through the end of September, DirecTv added 1.307 million **new** subscribers

to its **high-power service**, which amounted to a 20 percent increase compared with

the first three quarters of 1999, the company said

Its Latin American DirecTv business added 126,000 net **new** customers

during the third quarter and more than 332,000 net **new** customers during the first three quarters of this year, according to the company.

"While we...

...our top priorities last quarter was to conclude the conversion of customers from our **medium-power** PrimeStar By DirecTv **service** to the **high-power service** --a process we completed Sept. 30 after converting approximately 1.5 million customers," Hartenstein added...

...DirecTv's report of its subscriber numbers brought forth a fairly detailed review by senior **analyst** William Kidd at C.E. Unterberg, Towbin. He

said DirecTv's quarterly growth "seems to...are now focusing all resources--including our DirecTv Home Services network of over 2,000 **installers** --on implementing our most aggressive fourth quarter subscriber acquisition offer ever.

"For the first time in its history, DirecTv is entering the fourth quarter with the **equipment** and **installation** capacity needed to meet the traditionally strong year-end holiday demand--and we expect our free **installation** offer to further stimulate that demand," Hartenstein said.

By year's end, he said, DirecTv's management expects to have added

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between 1.85 million and 2.05 million **new** subscribers during the year," representing another record year for DirecTv." This will exclude the more than 300,000 Primestar By DirecTv subscribers who did not convert to the high-power **service**.

Senior **analyst** Armand Musey at Bank of America Securities said the number of **new** subscribers for the third quarter was below consensus estimates, and he lowered his projections of future additional subscribers.

He now sees 625,000 **new** subscribers during the fourth quarter, rather than his previous projection of 716,650. Likewise, he...

**15/3,K/40 (Item 2 from file: 264)**

DIALOG(R) File 264:DIALOG Defense Newsletters  
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00022715

**TCI SATELLITE ENTERTAINMENT FLOATS \$350 MILLION BOND OFFERING**  
SATELLITE NEWS  
FEBRUARY 24, 1997 VOL: 20 ISSUE: 8 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: PHILLIPS BUSINESS INFORMATION  
LANGUAGE: ENGLISH WORD COUNT: 673 RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

...160 the number of channels Primestar is able to offer its customers.

In addition, the **new** satellite will permit Primestar to reduce the size of its satellite dish to under 30...

...to be mounted on the side of a building or on a roof. Current Primestar **equipment** must be **installed** in a cement base because of its weight.

Meanwhile, TSAT plans to launch a high-power DBS satellite from Cape Canaveral, Fla., on March 5. The **new** spacecraft will add another 70 channels of capacity to TSAT's offering.

"This should allow Primestar to regain its competitive foothold," said UBS Securities **analyst** Rick Westerman. A push by Primestar rival Echostar Communications Corp. has eroded Primestar's market...national level."

Beyond the newly arranged funding and the imminent shifts to a pair of **new** satellites, TSAT also retains a second DBS satellite. Until the March launch of its sister...

...plans to buy Tempo 1 after Canadian authorities rejected Telesat's plan to deploy high- **power** DBS **service** to Canada.

While the satellite's future remains uncertain, it is considered unlikely that TSAT...

**15/3,K/41 (Item 3 from file: 264)**

DIALOG(R) File 264:DIALOG Defense Newsletters  
(c) 2004 The Dialog Corp. All rts. reserv.

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00008894

**AT THE 1995 ASME IGTI TURBO EXPO**

POWER LETTER

June 21, 1995 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: FORECAST INTERNATIONAL DMS

LANGUAGE: ENGLISH WORD COUNT: 3486 RECORD TYPE: FULLTEXT

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TEXT:

...from Lincoln Electric Systems (Lincoln, NE) valued at approximately \$20 million, for the supply and **installation** of an 80 MW GT11N1 gas turbine for the utility's Rokeby Power Station near...

...to acquire a second GT11N1 at a later date. The GT11N1 will be delivered and **installed** by ABB by November 1996, with commercial **installation** scheduled for May 1997. Upon completion, the **installation** will more than double the Rokeby Station's current 70 MW of peaking capacity. The...

...The turbine will be equipped with ABB's advanced, dry low NOx EV burner. When **installed**, the GT11N1 unit will incorporate inlet air cooling for power augmentation. Ice water from the...

...Rokeby site was the first application of ice storage for turbine inlet air cooling. The **new** **installation** will represent the first thermal energy capacity enhancement of a GT11N1 **machine**. The project architect/engineer is Burns & McDonnell (Kansas City, MO).

\* \* \*

ASME

Announcements of events and activities by The American Society of Mechanical Engineers (ASME) (New York, NY) include the following:

\* ASME has joined forces with the Russian Academy of Sciences...

...applications for technological advances, developing marketing strategies to promote RAS's products, and identifying promising **new** technologies in the field of environmental remediation. ASME benefits in several ways, including gaining access...and other plant components with temperatures up to 1382 degreeF (750 degreeC). Depending on the **installation** conditions, the seal can also be used with hot gases and flue gas.

The seal...

...type Fluastal special, bolster, internal duct insulation, and steel parts, is for joints to be **installed** on a **new** combined-cycle power plant for EGAT in Thailand.

\* \* \*

Compressor Controls

Compressor Controls Corporation (CCC) (Des...

...were given by DoE to 10 companies that have been the most successful in commercializing **new** energy technologies with the help of DoE. CCC was recognized for

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achieving one of the...

...000 grant from DoE to fund development of its Series II turbomachinery controller, which operates **equipment** such as pipeline controllers more efficiently than standard control systems. Since 1980, the Series II...

...Plus, and then Series 4.

Series 3 Plus and Series 4 control systems are being **installed** for the Russian Federation's firm Gazprom, which operates the world's largest natural gas pipeline. According to CCC, when the **installation** is complete, in the year 2001, energy savings from improved operations and more efficient controls...into Forney, one of the world's leading suppliers of burner management systems and combustion **equipment**.

\* \* \*

GE Power Systems

Announcements of activities, events and orders by GE Power Systems (GEPS) (Schenectady...

...the province of Tucuman, Argentina. The natural gas-fired 9E will be used for baseload **service** at a **power** station.

\* GEPS won a \$37 million contract from Walsh Construction (Trumbull, CT) to provide two...

...MW LM6000 gas turbine-generators and one 42 MW GE steam turbine-generator for a **new** combined-cycle cogeneration facility to be built in Sacramento, CA. The **equipment** will be used at Sacramento Cogeneration Authority's **new** facility, which will provide 62,000 pounds (28 123 kg) per hour of process steam...

...41.3 MW; the steam turbine-generator will be site-rated at 32 MW. The **equipment** will be used for baseload operation at a **new** combined-cycle cogeneration facility located in Iroquois Falls, Ontario, Canada.

\* GEPS announced a \$60 million...

...and SPEEDTRONIC(TM) Mark V turbine control systems. Two of the gas turbines will be **installed** at Nakheel and one each at Dhaid, Um al Quain and Qidfa. The gas turbines...The 10-year agreement calls for HSDE's newest model DIGICON 501 controls to be **installed** on Allison's 501-K engines in all variants, single- and dual-shaft, marine and industrial, and shipped from Allison's Indianapolis facilities as a complete package.

The **new** -technology DIGICON features a 32 bit 25 MHz Intel 80969 RISC technology microprocessor. The control...

...both fuel governing as well as sequencing of the gas turbine and other associated plant **equipment**. The I/O requirements can be increased by adding any of the HSDE I/O...

...ladder logic editor.

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The DIGICON controller system became standard on the Allison Model 501-K **machine** series in 1987, and delivery of the **new** -technology DIGICON will begin in July of this year. HSDE provides controls for the 501...

...Land Infrared

Land Infrared (Bristol, PA), a division of Land Instruments International Incorporated, introduced:

\* Its **new** Land Cyclops TI35 Plus, a lightweight, self-contained thermal imager which provides accurate, remote thermal...

...phasor and power supply module, and a multichannel or portable data acquisition system. Blade temperature **analysis** is performed off-line in the Land TBTMS for Windows(TM) presentation software. The System...

...According to data provided by Mitsubishi Heavy Industries Limited (Tokyo, Japan), the 701G gas turbine **machine** is currently the most powerful industrial gas turbine yet unveiled. Data on the three largest... Western specifications and emission regulations.

\* \* \*

Pressure Systems

Pressure Systems Incorporated (PSI) (Hampton, VA) exhibited several **new** additions to its System 9000 intelligent instrumentation and acquisition products. The networkable modules are used...

...Model 9010/9015 Intelligent

Pneumatic Pressure Scanners, Model 9020 All-Media Pressure Scanner, and the **new** Model 9040 Multi-Input Unit (MIU). The Model 9040 MIU is a very versatile, compact...

...of sensors and transducers, including virtually any with a resistance, voltage or current output. The **new** unit is ideal for turbomachinery test stands, vehicle testing, dynamometer test stands, process **monitoring**, and other applications that require multiple signal measurements. The unit, which can be configured to...full automation of the entire on-line and off-line compressor cleaning process through the **use** of a state-of-the-art PLC control system which can be activated remotely and/or locally. The control system can be programmed to serve single- or multi-engine **installations**.

\* \* \*

Rolls-Royce plc

Rolls-Royce plc announced that aeroderivative industrial and marine engines pioneered and...

...Industrial & Marine Turbines reported that the Industrial RB211, the first aeroderivative Dry Low Emissions (DLE) **machine** to enter service, was producing excellent results in the field. The first unit has completed...

...EGT machines concerned will be handled through S&S's facility in Houston, TX.

The **new** agreement extends the S&S product range, which now covers gas turbine packages from 4...

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...50 MW, and strengthens EGT's global packaging network.

The Tempest is a single-shaft **machine** for 50 Hz or 60 Hz power generation, with a thermal efficiency of 33 percent...

...be fitted with wet or dry emissions control and steam injection for power enhancement. The **new machine** was designed for a wide range of utility, oil and gas and industrial power generation applications, and is particularly well suited for cogeneration **installations**. The Tempest generator set weighs approximately the same as the Tornado generator set - 120,000...

...the Tempest was made in early 1993.

Prototype engines entered manufacturing in 1994, and the **machine** was launched at the 1995 ASME IGTI Turbo Expo. Development testing will take place in...parallel announcement, EGT announced a power output increase for its Tornado twin-shaft gas turbine **machine**, from 8500 bhp to 8900 bhp (6.34 MW to 6.63 MW) when operating...

...supplier to provide the complete ignition system for the Rolls-Royce Industrial Trent gas turbine **machine**. The ignition system includes a 16-channel, multiplexed ignition exciter having discrete diagnostic outputs and...

...DLE) RB211 industrial gas turbine.

The complete ignition system has been certified by CSA for **use** in Class 1, Division 1, Groups C and D hazardous locations. The first production system has been **installed** in the state of Washington.

\* \* \*

United Technologies

According to information on a graphic display by...

...include the following:

\* Westinghouse announced the formation of POWERSERVE International Incorporated (Jacinto Port, TX), a **new** wholly owned subsidiary of the corporation. The **new** entity offers comprehensive service and modernization capabilities for combustion turbines, and is a key element...

15/3,K/42 (Item 1 from file: 267)  
DIALOG(R) File 267:Finance & Banking Newsletters  
(c) 2004 The Dialog Corp. All rts. reserv.

04564880

**Short Takes:**  
Editorial Staff

Web Finance  
April 10, 2000 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: SECURITIES DATA PUBLISHING  
LANGUAGE: ENGLISH WORD COUNT: 1557 RECORD TYPE: FULLTEXT

(c) SECURITIES DATA PUBLISHING All Rts. Reserv.

TEXT:  
...of Web-enabled financial products and services. This portal offers us a

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direct line to **new** and existing treasury and fund management clients looking for electronic trading capabilities and streamlined trade...

...fund managers with a single source of independent pricing for non-exchange-traded instruments, portfolio **analysis** and management.

Full-Service Online Insurance Brokerage Firm Is Launched  
Digital Disrupters, a builder of...customers, who trade more than 75 times per quarter, will receive the service free, including **installation** and **equipment**. Power E\*Trade customers, who place more than 30 trades a quarter, will receive free **installation** and **equipment**, and pay \$34.99 a month for the service.

Customers can sign up for DSL...

...in all areas. "Be assured that our partners are working quickly to reach as many **new** customers as possible. Over the coming months, we hope that most of our customers will be able to sign-up for DSL Internet **service** through the **Power E\*TRADE** program," the company says.

"Through our Power E\*Trade program we are providing...

...active investors," said Michael Sievert, vice president, marketing, of E\*Trade Group, in a statement.

**New Appointments Made**

Ameritrade Holding Corp. has appointed Randy MacDonald as its "new" chief financial officer. "Randy brings world-class experience to Ameritrade," said Joe Ricketts, Co-CEO...with Hewlett-Packard Co., banks can receive consulting and integration services as the portal is **installed** and integrated with **new** and existing systems.

Banks can "realize **new** revenue streams by enabling the delivery of personalized content to customers," Octavio Marenzi, research director...

...on their customers' extended visits by cross-selling products and services."

**Online Resources Offers Credit Monitoring Service**

Online Resources & Communications Corp., a provider of Internet banking and bill payment services, is now offering a credit **monitoring** service through an alliance with iPlace.com. The deal is Online Resources' latest in a...

...offer their customers while providing revenue for the company and its client institutions.

iPlace's **monitoring** service, CreditCheck, enables institutions to offer their online customers a free copy of their credit...

...for \$69.95 per year. Members receive unlimited free credit reports as well as ongoing **monitoring** of their credit files.

CreditCheck offer additional services such as a newsletter about managing credit...

...inaccurate information on credit reports as well as neighborhood and home sales' reports.

"This CreditCheck **Monitoring** Service empowers online customers who want to make sure their credit status is always up...

...service into an institution's Web site, providing their customers with yet another reason to **use** the institution's site as their online financial hub."

**Financial Portal Charts Success**  
With plans...

...midst of raising up to \$5 million of Series B venture capital. Thus far, the **New** York-based financial Internet portal has garnered \$3 million

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worth of commitments and expects to...

15/3,K/43 (Item 2 from file: 267)  
DIALOG(R)File 267:Finance & Banking Newsletters  
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00026664

**QuietPower Systems Preps For IPO**  
Private Equity Week  
June 16, 1997 VOL: 4 ISSUE: 24 DOCUMENT TYPE: NEWSLETTER  
PUBLISHER: INVESTMENT DEALERS DIGEST  
LANGUAGE: ENGLISH WORD COUNT: 852 RECORD TYPE: FULLTEXT

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TEXT:

...stock purchase warrants at a proposed maximum aggregate offering price of \$64.8 million.

The New York-based company hopes to price its shares between \$7.50 to \$9.50 per...

...warrants, if needed.

DayStar Partners L.P. of Cupertino, Calif., and Regent Capital Partners of

New York have provided venture funding to the company. Prior to the offering Daystar has a...

...the company's S-1 filing, its noise-reduction products are being developed through the use of two acoustic-based technologies - one addressing active noise and vibration control and one for failure diagnostic and condition monitoring, the ability to detect sound emissions signaling imminent equipment failure.

QuietPower's ATQ-100 muffles the noise emanating from electric power transformers, while its communication headsets use active noise and vibration control technology to reduce noise and vibration. The technology in the headsets is a combination of software-based algorithms and hardware components that analyze noise emissions and produce equal and opposite noise signals to reduce or cancel incoming noises...

...with General Electric and Prolec SA de CV to develop a failure diagnostic and condition monitoring product for use with transformers and other substation equipment.

QuietPower has also entered into an agreement with Noise Cancellation Technologies Inc., giving it worldwide...

...believes, will increase market demand for companies providing products that reduce utility operating costs, improve equipment operation and extend product life.

According to Richard J. Rudden, president of R.J. Rudden Associates Inc., an energy industry consultant based in Hauppauge, N.Y., many states are looking to create competitive environments ...of everything in the present electric system.

For companies looking to enter the fray, the energy consultant said, what is going to be competitively and strategically important is to establish smaller, environmentally-friendly electricity generators closer

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to load centers - a geographic area where a lot of people **use** electricity.

"The closer these centers are to people [the more] you want to keep them

...

...of \$350,000.

Proceeds from the public offering will be used for product development and

**installation** , marketing and sales, repayment of debt, working capital, general corporate purposes and potential future acquisitions...

**15/3,K/44 (Item 1 from file: 553)**

DIALOG(R) File 553:Wilson Bus. Abs. FullText  
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03331533 H.W. WILSON RECORD NUMBER: BWBA96081533 (USE FORMAT 7 FOR FULLTEXT)

**CO2 emission reduction costs in the residential sector: behavioral parameters in a bottom-up simulation model.**

AUGMENTED TITLE: Canada

Jaccard, Mark

Bailie, Alison; Nyboer, John

Energy Journal (Energy J) v. 17 no4 ('96) p. 107-34

LANGUAGE: English

WORD COUNT: 10135

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... simplified versions, this is done by postulating the evolution of aggregate ratios of energy intensity ( **energy** per unit of **service** provided, such as per tonne of steel output or per person-kilometer of mobility); this postulated technological evolution is based on exogenous engineering and economic **analyses** . In more complex versions, the evolution of technologies is simulated endogenously; this requires data on the efficiencies and vintage breakdown of existing **installed equipment** , as well as parameters for simulating decisions on equipment retirement, equipment retrofit and **new** equipment acquisition.

Rather than explicitly representing technologies, top-down models generally represent technological evolution via...each residential consumer applies a unique set of criteria to the purchase decision and because **equipment** acquisition and **installation** costs vary between localities. Causes of such differences include the specific features of competing technologies...

?